



2. IFB Intent

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Weatherproofing Technologies, Inc. (WTI), a wholly owned subsidiary of Tremco Incorporated (Tremco), has responded to select specifications in *Part B – Specifications, Section 2* that were not already addressed elsewhere in the required forms. We believe this approach satisfies and meets the spirit and intent of the IFB.

2.3.9 Value added programs and services beyond the traditional services offered that enhances and/or improves the client's ability to manage and maintain their facility envelopes throughout their life cycle.

Value-added programs and services offered by WTI, but not defined or addressed in the IFB format, are summarized below. WTI has also added these items to the line item list in *Exhibit C – Warranties, Additional Services* and provided descriptions, specifications and their associated costs, as required. These additional and optional products and services are also clearly identified under *Specification 6.7*, as requested.

- Additional Products Offered Beyond the Line Items in Form F.1
 - AlphaGuard Moisture Triggered Coating System
 - AlphaGuard BIO Coating System
 - AlphaGuard PUMA Coating System
 - AlphaGuard SI 70 Coating System
 - AlphaGuard SI 100 Coating System
 - BURmastic Roofing Systems
 - DECKTITE Coating System
 - GeoGard Coating System
 - Fas-N-Free Insulation Adhesive
 - ICE Coating System
 - Low Rise Foam Insulation Adhesive
 - POWERply Roofing Systems
 - Primers (as required by manufacturer)
 - Rock-It Roofing System
 - SolarGuard 6083 Coating System
 - SolarGuard Acrythane Coating System
 - Alumanation 301 Roof Coating System
 - TPO (Thermoplastic) Roofing System
 - Tremco #1 White Marble Roofing Aggregate (To meet Title 24)

WTI also continues to offer many value-added programs and services previously approved on past AEPA contracts, as well as three new programs/services noted by bold font, below. Our value-add programs/services are detailed below and on the following pages.

- OLI® Software
- **CriticalCare**
- Disaster Response
- Emergency Leak Response
- Long-term Asset Management Programs
- Air Barrier Solutions
- RoofTec Roof Cleaning System
- **Pure Air Control Services, Inc. (building ventilation system cleaning and sanitizing)**
- Metal Restorations
- Restoration Warranty
- Warranty Renewals and Extensions
- Plain and Simple Warranty
- Tremco Performance Warranty
- **The Contractor Network Program**



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OLI® SOFTWARE

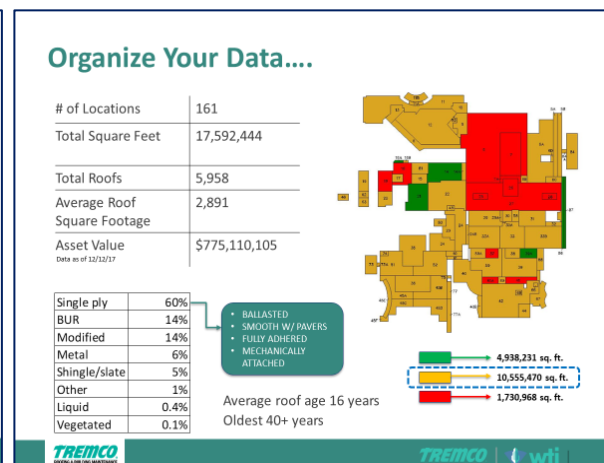
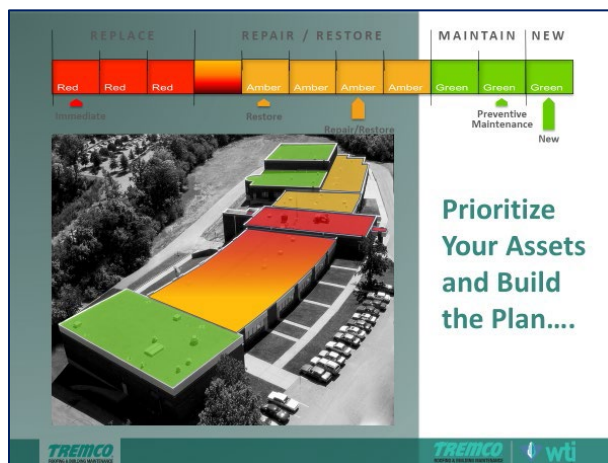
WTI's parent company, Tremco currently owns, manages and will provide AEPA members with a web-based, automated informational-management software system. Our OLI® system enables more efficient communication and allows AEPA members to generate both electronic and hard-copy reports containing information including scopes of work, cost estimates, management reports and forms. OLI® utilizes secure logins for each user that controls access to each of the system's features. There is no limit to the number of AEPA members on Tremco's web-based management system, OLI®. The OLI® system is capable of managing geographical areas independent of others. This system is also available as a windows-based application for those not able to access the internet or use the web-based application.

OLI® is fully capable of allowing AEPA members access required for inventory reports, drawings, construction documents, warranty information and photographs obtained or developed during the diagnostic, repair, restoration, replacement, inspection, preventive maintenance, housekeeping and leak response activities. OLI® will enable AEPA members to produce detailed inspection reports, maintenance data, repair, restoration and replacement recommendations as well as other information necessary to allow WTI and Tremco and AEPA members to accurately plan and budget for roofing needs. The use of the electronic data is intended to be a time- and cost-saving tool for parties utilizing this program. In addition, the OLI® system will allow WTI and AEPA members to perform a variety of project management tasks electronically. It will allow us to generate management reports for use by WTI and AEPA members to evaluate program progress and impact.

As a functioning web-based computer program, OLI® enables AEPA members to review pertinent information on each roofing system at any time. This database will allow for the ability to review and sort the entire inventory of roof systems within the portfolio and to retrieve specific customized sorts and reports. Such sorts include, but are not limited to the following.

- Membrane types
- Age of membranes
- Urgency categories
- Projected and actual budgets
- Dates and types of required maintenance

Shown below are general graphics indicating what technical data, roof category and budget analysis will be included.



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Tremco also provides training for their OLI® system, completed in two sections for each of the programs that make up the OLI® system. The first is for the web-based program that allows real-time viewing of information and reports. This program will benefit AEPA members with immediate access to information to evaluate options and make decisions. The second training is for the windows-based program which allows access to database files to add, edit or update information as necessary. The windows-based program is also relevant for AEPA members.

Tremco understands that training is essential to ensure that the OLI® system is operated and functions properly. Therefore, we have developed a specialized *OLI® User Guide*, to assist parties utilizing the system. Each aspect of the system is covered in the training program and OLI® User Manual. Training includes, but is not limited to, installing procedures, system training, system execution, report generation, post implementation follow-up and refreshers as needed.

Performing a Roofing Project Under AEPA While School is in Session

“Completing a construction project while school is in session is always tricky, but we were able to complete the work on time and without any disruptions. We’ve worked with WTI in the past and appreciate the ability to work through any obstacles our projects present.”

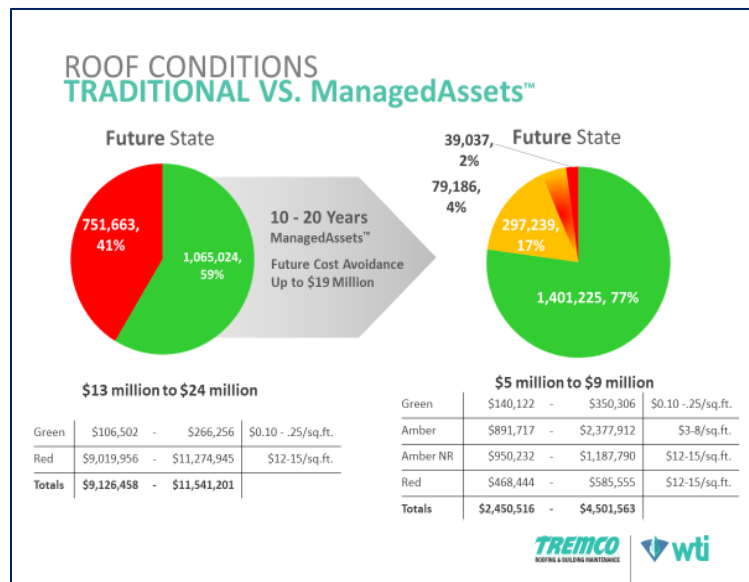
James F. Shearouse
Director of Buildings and Grounds
East Stroudsburg Area School District

Tremco OLI® Asset Management Will:

- Stop run to fail-crisis management
- Inspect and diagnose current roof conditions
- Organize your data
- Build a plan
- Educate on new emerging technologies
- Plan + implement solutions in a sustainable, cost effective method

Asset Management Steps

- STEP #1: Know what you have
- STEP #2: Prioritize what you have
- STEP #3: Protect what you have



CRITICALCARE

WTI understands from decades of experience that public agencies face unique facility management and building construction challenges even under the best of circumstances. During the current pandemic environment, WTI is able to help AEPA member agencies manage through such challenging times and provide customized solutions to maximum return on investment to meet public agencies most challenging budget constraints while protecting their roofing assets and extending their performance life of their current roofing systems for as long as possible. We can help AEPA members plan for long-term needs while addressing their most urgent roofing problems today. The Tremco Roofing CriticalCare program solves urgent roofing problems with a suite of products and services.

- Virtual and digital tools for safe, comprehensive and timely communications
- Professional inspection and diagnostic services to quickly identify critical problems
- Warranty renewals and extensions for all roof types and manufacturers
- Emergency repairs to stop leaks now
- Proactive maintenance to protect what you have
- Industry-leading restoration systems to delay replacement
- Best-in-class contractors to ensure reliability and quality



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DISASTER RESPONSE

WTI is also available during natural disasters such as hurricanes, storms and fires, pandemic events, vandalism and terrorism, etc., to assist AEPA members with disaster response and provide them immediate and priority service. WTI has the necessary resources and capabilities to perform the required services and provide the supplies, materials and labor needed to perform disaster response services to all participating AEPA member states. This includes stabilizing the environment, installing temporary roofing solutions and evaluating the feasibility of restoration versus replacing damaged areas. In the past, WTI assisted the school districts throughout LA and TX during both Hurricanes Gustav and Ike in 2008. In addition, WTI committed to helping the rural town of Greensburg, KS rebuild a sustainable future following a devastating tornado. Throughout this rebuild, WTI provided waterproofing, sealant and roofing products to LEED-certified projects and helped Greensburg to achieve multiple LEED Platinum efforts. Through WTI, AEPA members will have access to more than just a local presence and personnel, but also nationwide resources that can be allocated to disaster response efforts in all participating states. We have scalability unrivaled by most local roofing companies that is critical in preparing for and responding to natural disasters. WTI is prepared to assist members to meet the FEMA requirements that are part of this solicitation found in *Part E – Signature Forms* for Uniform Guidance “EDGAR” Certification Form 2 CFR Part 200 as well as any additional requirements that FEMA may introduce.

EMERGENCY LEAK RESPONSE

If any AEPA member location experiences a leak during the warranty period, all they need to do is contact the **800-5-TREMCO** phone number with their assigned account number. Their call will then be immediately dispatched to either an Inspector or a WTI subcontractor (whoever is available for immediate response). Response time is established with the account to define emergency (two- to four-hour response), standard (24- to 48-hour response), etc. The dispatch for each location includes up to four points of contact, for example below, to ensure effective response.

- 1) WTI Inspector 1
- 2) WTI Inspector 2
- 3) WTI Subcontractor
- 4) WTI Technical Field Advisor

In addition, upon dispatch, the 800 service will notify the appropriate Technical Field Advisor of the leak for follow through. The Technical Field Advisor ensures that the request was completed and verifies Tremco’s financial responsibility.

Each AEPA member location will be provided with a process and account number upon purchase of diagnostics, which includes a one-year Tremco Performance Warranty (TPW) or any other purchase including the performance warranty (repairs, restoration, replacement), which require leak response. The process will include an 800 number for 24/7 response at no additional cost to AEPA members.

As part of the diagnostic and one-year TPW phase, Tremco also provides 24/7 Emergency Leak Response to AEPA members. Regardless of whether the leak is related to defective materials or wear-and-tear, the dispatch center logs the AEPA member call for priority treatment, assuring a fast, efficient response. We will perform all emergency roof-system leak repairs required in accordance with the Leak Response Program described below.

The leak will be repaired immediately unless weather or other conditions prevent such work, in which case the repair schedule will be coordinated with AEPA members to be accomplished at the next available time period. WTI will provide leak-report updates online with our web-management system, outlining the number of calls, response time to each, description of the problem, solution and an overview of follow-up recommendations after each call. Reports can be produced monthly or quarterly for AEPA members and distributed by email or in paper form. All repairs will be in conformance with generally accepted roof-industry practices, National Roofing Contractors Association (NRCA) specifications and current building codes of record.

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As an additional service offered to AEPA members, WTI is willing to provide school districts with an emergency-response program at no cost that will allow the district to set up the above emergency-response program and provide the district with consistent and proper repairs.

LONG-TERM ASSET MANAGEMENT PROGRAMS

WTI's organizational, operational and technical approach to asset management is unique and has not been duplicated or documented in the industry as demonstrated by our patented methodology. We can develop customized asset-management programs to meet the needs of each member, addressing areas such as roof-system diagnostics, upgrades, performance warranty and web-based information-management system. We can implement a program-management approach which reduces the overall life-cycle cost of member roof systems through effective repairs, restorations, selective replacements and technical services to increase the overall performance of existing and new roof systems. We are confident that WTI's approach will meet or exceed AEPA and member expectations for delivery of a top-quality Asset Management Program through the implementation of a performance warranty by delivering the patented TPW and QA+ methodology developed exclusively by Tremco. These methodologies have been successfully implemented on the two previous AEPA Contracts with superior past performance and proven results. Additional information on TPW and QA+ warranties is provided in *Part B – Technical Specifications 10. Submittal and Substantiating Documentation*.

Demonstrated AEPA Preventative Maintenance and Facility Envelope Asset Management Experience

- 1st AEPA Contract: **5** fixed maintenance programs
 - 2nd AEPA Contract: **230** fixed maintenance programs
 - 3rd AEPA Contract: **183** fixed maintenance programs
 - 4th AEPA Contract: **137** fixed maintenance programs
 - 5th AEPA Contract: **148** fixed maintenance programs
- 703 total fixed maintenance programs**

AIR BARRIER SOLUTIONS

In addition to the above systems and products, WTI provides AEPA members with CANAM services and energy audits. Now as an owner of CANAM, WTI is able to provide audit surveys on schools, city/county entities, hospitals, residential buildings, industrial plants and government buildings. These energy audits and surveys assist in improving the performance of an existing or new building, by generally concentrating on controlling air leakage and ensuring adequate and appropriate ventilation. When WTI performs energy-efficiency upgrades following an energy audit, it results in lower energy costs and even temperatures throughout the building, as well as the prevention of deterioration, moisture, mildew, condensation and mold throughout the building envelope.

ROOFTEC ROOF CLEANING SYSTEM – 1.0 AND 2.0

WTI also offers AEPA members the RoofTec Roof Cleaning System, a leading-edge solution that will dramatically change how quickly and easily roofs can be cleaned, with an unmatched degree of environmentally friendliness. Cleaning dirty, white "cool roofs" has always been a challenge -- inefficient, wasted water, chemicals introduced into the local environment from waste water, large crews. With the innovative RoofTec Roof Cleaning, AEPA members will have access to an extremely powerful, non-abrasive system featuring rotating water jets to remove dirt, mold and mildew from the roof surface without the negative effects of power washing. Water conservation is extraordinary; **it uses less than half the water of competitive systems and captures waste water almost instantly**. The small amount of cleaning solution used is environmentally safe. A two-person crew and quiet,



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efficient operation makes it perfect for facilities in residential neighborhoods, like schools.

Cleaning roofs with the RoofTec Roof Cleaning System does much more than make them attractive again. It brings AEPA members tangible, long term, financial benefits such as those summarized below.

- Maximizing energy savings by restoring roofs' reflectivity [and their Solar Reflectance Index (SRI) ratings*]
- Extending roof life-cycles by returning them to peak performance
- Making roof maintenance easier
- Helping support the protection of your Tremco Roofing warranty
- The possibility of starting a roofing restoration project the same day the roof is cleaned, shortening the project's timeframe











A video demonstration of the RoofTec Roof Cleaning System can be found at:
<http://www.tremcoroofing.com/services/wti-rooftec-roof-cleaning-system/>

BUILDING VENTILATION SYSTEM CLEANING AND SANITIZING BY PURE AIR CONTROL SERVICES, INC.

WTI and Tremco have entered into a working relationship with Pure Air Control Services, Inc. In addition to roofing building envelope services, we can now provide public customers with a full range of professional solutions to indoor air quality concerns as well as turn-key solutions through environmental consulting, building diagnostics and laboratory services, as well as HVAC system hygienic cleaning and restoration. These solutions are detailed to the right in the Key Business Areas graphic.

Key Business Areas:

| | |
|--|---|
| <p> Environmental Project Management</p> <ul style="list-style-type: none">• Indoor Environmental Testing• Laboratory Analysis• Building & HVAC Engineered Solutions  | <p> Environmental Diagnostics Laboratory</p> <ul style="list-style-type: none">• Microbiological Identification & Quantification• Bacteriology & Mycology (Mold) Analysis• CDC Elite Program Legionella Testing  |
| <p> Building Sciences</p> <ul style="list-style-type: none">• Indoor Environmental Evaluations• Building Envelope Testing• HVAC Hygiene & Performance Assessments  | <p> Building Remediation Sciences</p> <ul style="list-style-type: none">• Hygienic HVAC & Duct Cleaning• Hygienic HVAC Restoration• Building & Room Decontamination  |



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METAL RESTORATIONS

As with all roofs, metal roofs require repair and maintenance as well. WTI offers AEPA members a complete line of metal roof restoration products and services. Our restoration products eliminate leaks, reduce energy costs and stop rust and corrosion. WTI's and Tremco's restoration products and services return metal roofs to their original beauty and performance. Products used to restore metal roofs include:

- Solargard Hy Build which has over a 40-year history of performance. This product is VOC compliant and Energy-star rated. Each of the Solargard products have a wide variety of color choices.
- Solargard 6083 exhibits excellent resistance to weathering, with high elongation and low temperature flexibility.
- Alumanation 301 has a long history of performance and durability. This product offers excellent one coat coverage rates and contains 15% metallic content for high reflectivity.
- Seam Sealer increases the water tightness of a metal roof. Simply add our elastomeric seam treatment to seams fasteners and penetrations prior to membrane application.
- T-138 Shingle Recover System. This is an easy, fast and cost-effective metal roof for installation over damaged but still functional shingled roofs.
 - Creates an air space which reduces heat transfer by 30% to 50% in the summer. In the winter, this system reduces heat transfer from inside the building which minimizes premature snow melt and icing.
 - Durable system that far out performs shingles and is offered in standard and custom colors.

RESTORATION WARRANTY

Tremco offers five- and 10-year QA restoration warranties for roofs that do not require a full roof replacement as a result of existing conditions. These restoration warranties are typically placed on a roof where the original warranty is expiring and is an economical approach to extend the life of the roof. While the five- and 10-year restoration warranty does not meet the 15-year warranty requirement outlined in specification 7.1, it provides a Limited Facility Life Solution to extend the life of the roof for a short term. A sample restoration warranty is provided in *Part B – Technical Specifications 10. Submittal and Substantiating Documentation*.

WARRANTY RENEWALS AND EXTENSIONS

WTI's unique warranty service offering for customers is included as part of our value-add programs. This offering allows customers with an expired roofing system warranty to extend the warranty beyond the original manufacturer's warranty received when the roof was new. Tremco roofing systems, as well as non-Tremco roofing systems, can qualify for this unique program based on their condition. In addition, the customer can bundle multiple expiring warranties into one Master Warranty by Tremco. The benefits to the customer are considerable when you think about roof replacement projects. Some of the benefits are listed below.

- Reintroduces the Tremco/WTI client to the Tremco Brand Promise—"Roofing and Weatherproofing Peace of Mind – For Life"
- Continues the original Terms and Conditions for Tremco roof warranties. Qualified non-Tremco roofs receive a five-year Tremco warranty
- Includes an annual inspection with preventative maintenance. A 10-year warranty includes two annual inspections
- Provides leak coverage
- Extends the useful service life of the asset ensuring lowest possible life-cycle cost
- Helps the owner realize budget certainty by removing the asset from future capital budgets

ENERGY STAR® Roofing under AEPA

"We've worked with WTI in the past—they've helped us extend the life of very old roofing by several years. Now it's time to replace that roofing and we expect our ongoing relationship to continue to thrive. As a district with an award winning energy management program as well as being and ENERGY STAR® Top Performed among school districts in Pennsylvania, Blue Mountain constantly looks for more ways to save energy dollars while preserving the environment. The ENERGY STAR qualified white roof will certainly meet those expectations."

Jeffrey Ritschel
Supervisor, Buildings and Grounds
Blue Mountain School District



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- Repeatable Process = Sustainability. It is possible that the extension process may be repeated
- Helps meet the original depreciation schedule by extending the asset life
- “Green” Energy Savings = Eco-Friendly. Landfill avoidance makes the solution sustainable
- Spend pennies to save dollars. The cost avoidance through this proactive decision is significant
- When used with the maintenance programs already available, it helps satisfies the owner’s responsibilities to maintain the asset under the Terms and Conditions of the warranty

Pricing for warranty extensions and renewals is provided in *Exhibit C – Warranties, Additional Services* as required. A sample of the of the five-year warranty renewal document is provided on the following page and can be adjusted for incremental renewals.

Five-year Warranty Renewal Sample

**Warranty Renewal
Tremco Roofing Systems**

This Warranty Renewal confirms that the attached warranty # _____ is renewed for an additional 5 (five) year period from _____ thru _____. During the Renewed Term, Tremco Incorporated (“Tremco”) will continue to provide the Owner all of the benefits of the Original Warranty under all the same terms, conditions and limitations, except as expressly modified below.

A. INSPECTION AND HOUSEKEEPING

In year four (4) of this warranty, Tremco shall provide a roof inspection, and limited housekeeping services. (If a TremCare Service Agreement has been purchased for the TRS in addition to this warranty, these inspections and the related reporting will be carried out as part of the TremCare Service Agreement. The warranty and the TremCare Service Agreement will remain in effect for the warranty period simultaneously.)

Roof inspection services shall include the following:

- 1. Visual inspection of the roof membrane and roof surface conditions.*
- 2. Inspection of the flashing systems including, but not limited to, the metal edge system, base flashings on equipment and adjoining walls, counterflashings and termination details, soil stacks and vents, and inspection of rooftop projections, and equipment including, but not limited to, pitch pans, HVAC equipment, sky lights, and access hatches.*

Roof inspection services do not include:

- 1. Inspection for water damage or mold growth.*
- 2. Detection or identification of mold.*

General rooftop housekeeping services shall include the following: Removal of incidental debris. All debris will be disposed of at the Owner’s approved on-site location.

B. ROOF INSPECTION REPORTS

Tremco will provide roof inspection reports to the Owner based upon the inspections as defined above. The square footage may have been updated to reflect the measurements from the most recent inspection. The reports shall become part of the roof database maintained on the Tremco TRS. Tremco will be excused from performing under this warranty if prevented or delayed by events not within its control, including events such as floods, fires, accidents, riots, explosions, governmental order, acts or omissions of contractors or other third parties, inability to access the TRS, etc. Roof inspection reports will not address the presence of water damage to any building components other than the TRS or the presence of mold.

C. OTHER TERMS

As a further benefit under this Renewed Warranty, Tremco hereby agrees to modify the “Other Terms” section of the Original Warranty and extends its straight-line, prorated liability against the installed contract price for an additional five years.

**TREMCO INCORPORATED
ROOFING & BUILDING MAINTENANCE DIVISION**

By: _____

Title: Warranty Administrator

Date: _____



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PLAIN AND SIMPLE WARRANTY

WTI also offers a Plain and Simple Warranty that allows AEPA members to customize the length of the warranty to meet their needs. This warranty comes in an unlimited duration as well as the option to purchase extensions which allows flexibility to meet the life of the building without investing additional funds beyond the usable life. Line-item pricing for the warranty length desired will be provided to AEPA members upon request. This warranty option includes repairs if the roof leaks or fails to meet Tremco's performance specifications as well as roof inspections every five years. A sample Plain and Simple Warranty is provided in *Part B – Technical Specifications 10. Submittal and Substantiating Documentation*.

Tremco's Plain & Simple Warranty includes system labor and installation coverage for the term of the warranty and is available in terms of 20, 25, 30 and 40 years. This warranty is only provided on Tremco-manufactured roofs. Tremco's Plain & Simple Warranty provides participants with coverage of the installed roofing system, including inspections and housekeeping at prescribed intervals (one inspection per five-year period) throughout the life-span of warranty. The inspections include a written report on any findings and the additional actions required by Tremco or the participant. General rooftop housekeeping is also provided as noted under other Tremco warranties.

TREMCO PERFORMANCE WARRANTY

Another unique warranty option offered by WTI is the TPW. The TPW is a state-of-the-art, computer-implemented solution that is a hybrid of materials and services which guarantees a leak-free building envelope. By purchasing the TPW, Tremco assumes 100% of the risk of building envelope performance. WTI performs diagnostics, preventative maintenance, housekeeping and leak response to keep the facility watertight at all times. AEPA members who purchase this warranty option transfer all risk with no additional costs for the life of the warranty. A sample TPW is provided in *Part B – Technical Specifications 10. Submittal and Substantiating Documentation*.

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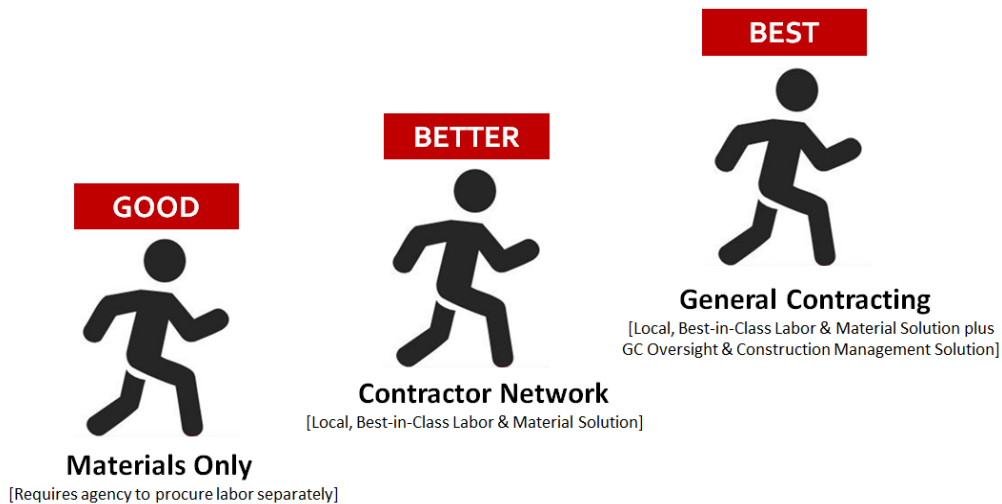
THE CONTRACTOR NETWORK PROGRAM

AEPA's Roofing and Related Building Envelope Services IFB #021-D solicitation includes the flexibility of two separate, compliant and nationally accepted "methods of delivery" to ensure best value regardless of project size, scope and location. These two "methods of delivery" are Material Only and General Contracting. The contract provides options for each AEPA member to execute their roofing, weatherproofing, maintenance, asset management and related building envelope projects in a manner they choose under a competitively solicited and awarded contract. The method of delivery can change from project-to-project depending on the member's best practices and specific needs.

In addition to Material Only and General Contracting methods of delivery contained in the solicitation, WTI and Tremco have developed a unique third "method of delivery" known as The Contractor Network Program, which is designed to meet the unique needs of each member's agency. Considering AEPA's 29 geographical jurisdictions, The Contractor Network Program will fit right in the middle of the Material Only method and General Contracting method. These three "methods of delivery" provide AEPA member agencies the option of selecting a "Good, Better or Best" option in accordance with their business and facility needs. Regardless of which option is chosen, the member qualifies for applicable Tremco and non-Tremco warranties. Value-add pricing is included in *Exhibit C – Warranties, Additional Services*.

The Contractor Network Program will provide additional value to AEPA members by increasing the AEPA Contract utilization significantly. The increased utilization is proven by another national cooperative that has included The Contractor Network Program within its portfolio offering. By including this method of delivery, we anticipate an initial increase of 30% in the AEPA Contract utilization within the first year.

Based on the unique needs of each of the 29 AEPA member states, agencies will have the flexibility to select the best "method of delivery" that suits their individual needs as depicted on the next page.



The Contractor Network Program allows public agencies to capitalize on a network of highly qualified, local, best-in-class and prequalified contractors to perform roofing and building envelope services under this contract. Within this delivery model offering, Tremco, provides program administration to support The Contractor Network Program.

This delivery model is significant in that it satisfies AEPA's desire for a national contract and provides AEPA members a valuable delivery model for public agencies to utilize the AEPA contract, as detailed below. The Contractor Network Program provides outstanding roofing and building envelope related performance, backed by Tremco's warranties and maintenance agreements, ensuring that AEPA state agency members have comprehensive roofing and building envelope asset management and weatherproofing peace of mind.



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AEPA members can procure all their roofing and building envelope solutions such as roof maintenance and repair, diagnostics, restoration, replacement, new construction and building envelope services under this method of delivery. The Contractor Network enables public entities and qualifying contractors to transparently work together with the assurance that the procurement process meets all state procurement laws, where applicable, and through the applicator agreement, will meet each AEPA member states' terms and conditions. Best-value public projects are streamlined with the assurance of quality products and installation by local contractors with a proven past performance record. AEPA members can rest assured that their projects are being delivered as specified with Tremco providing the same level of warranty that is offered under our General Contract offering.

Key Benefits of The National Cooperative Contractor Network Program

Some of the key benefits to AEPA's members are summarized below.

Key Benefits Realized Through The Contractor Network Program Delivery Method

- Seamless transparent business model to create best value and best quality solutions for AEPA members
- Optimal value resulting from pre-qualified, local, best-in-class and In-Network Contractors capable of successfully installing specified technical roofing, building envelope and other construction related solutions
- Access to pre-qualified, local, best-in-class In-Network Contractors who are part of this response and serve in the capacity of the prime contractor to provide quality driven technical products, solutions and warranties that significantly reduces the risk of underperformance normally associated with obtaining such roofing and building envelope related services on the open market
- Auditable pricing using the most recent edition of the Online RS Means Construction Cost Data
- WTI's parent company, Tremco, serves as Program Administrator to ensure ease of use

Utilizing this delivery method, WTI and Tremco, provide both technical and administrative support throughout the roofing and/or building envelope project process as well as assumes the responsibilities outlined below.

- Assessment of participating agency needs and budget analysis
- Provides resources necessary for technical specification development, when requested, or works collaboratively when the public agency provides technical specifications
- Provides project-specification review for applicable codes and state statutes and the need for additional professional certifications and other responsibilities
- Provides resources necessary for state and local professional certifications, when requested by the member agency (provided in accordance with the protocols established by each individual state)
- Provides access to an expanding network of pre-qualified, best in class, local contractors
- Attends pre-proposal conferences
- Provides administrative support, when requested by the public agency, for review of project proposals and other support as needed
- Assists in administration between AEPA member states, the public agency, WTI and contractor
- Provides technical and other administrative support between the public agency and selected contractor (award phase through project phase and close-out phase)
- Attends construction meetings including pre-construction, progress and final inspection
- Monitors contractor performance and measure against stipulated contractor qualification criteria
- Performs project close out and issuance of construction photos, warranty(s), service manuals and programmed preventative maintenance (TremCare®), when included within the project scope of work
- Provides programming and preventative maintenance plans to extend the useful life of the client's roofing inventory
- Administers The Contractor Network of pre-qualified, best in class, local contractors



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- Reviews The Contractor Network applications and updates The Contractor Network roster with approved best-in-class contractors in The Contractor Network based on established pre-qualified criteria to ensure only best-in-class, financially viable with demonstrated past performance are part of The Contractor Network
- Provides The Contractor Network updated rosters to the individual AEPA member states as updated as well as at renewal. Tremco will also provide a complete roster to the Roofing Committee annually.

Although this delivery model is a new offering under the AEPA Contract, WTI has utilized this process with another national cooperative with great success. Due to the interest and the need to fill a public agency market, WTI is pleased to offer this model to AEPA during this rebid. This value-add delivery model will continue to benefit AEPA and AEPA state agency members by providing a proven seamless business model that is fully transparent while allowing for competitive proposals among pre-qualified, best in class, local contractors to procure roofing and building envelope products, systems and services, as well as other types of systems and solutions.

Local/Regional Contractor Support

With 565 field personnel resources and 335 Sales Representatives, WTI brings a comprehensive network of resources to provide high-quality roofing and building envelope related services throughout the US. With field offices, personnel and pre-qualified contractors nationwide, we have the ability to minimize our response times and utilize cost-effective means to promote customer satisfaction. WTI works in conjunction with Tremco and hundreds of contractors annually and strive to provide AEPA state members with access to highly qualified contractors within close proximity to the maximum extent possible.

The highly qualified contractors within The Contractor Network Program are local, pre-qualified and best-in-class. Each company included within this offering has previously applied, met or exceeded the program’s stipulated criteria for acceptance, has been fully vetted and previously accepted into The Contractor Network Program. Each have met the following pre-established selection criteria and meet or exceed standards established by the NRCA, detailed in **Table 2-1**.

Table 2-1. NRCA Contractor Requirements.

| NRCA Requirements |
|--------------------------------------|
| ▪ A Permanent Place of Business |
| ▪ Knowledge of Roofing Systems |
| ▪ Insured and Committed to Safety |
| ▪ Licensed and Bonded |
| ▪ Financial Stability |
| ▪ Application Expertise |
| ▪ Warranty |
| ▪ Completed Projects |
| ▪ Provisions for On-Site Supervision |
| ▪ Professional Maintenance Program |



2. IFB Intent

In addition, contractors in The Contractor Network Program must meet the requirement summarized in **Table 2-2**.

Table 2-2. The Contractor Network Additional Requirements.

| The Contractor Network Additional Requirements |
|---|
| ▪ Continually meets or exceeds program expectations related to performance, quality and safety expectations |
| ▪ Provides most disciplines of roofing, such as single ply, modified bituminous, built up, fluid applied restorations (20-25 years warranty), metal, shingles or tile, maintenance, repair and/or building envelope |
| ▪ Provides a variety of manufacturer certifications |
| ▪ Ability to provide Class A and UL rated roofing systems per AEPA specification |
| ▪ Works collaboratively with WTI and AEPA public agencies |
| ▪ Financial capacity to insure, bond and execute roofing and building envelope related public works projects |
| ▪ Ability to meet the AEPA #021-D Terms and Conditions contained in the IFB as well as the individual member state terms and conditions |

The Contractor Network Program will be continually reviewed for the purpose of maintaining the highest standards possible. Each contractor within the network will be reviewed through project-specific and periodic evaluations as well as be evaluated on performance, compliance, activity levels and their demonstrated competency within this business model. The Contractor Network Program process is designed to provide maximum value to public agencies as we continually add new high performing contractors while removing any underperforming contractors from the network. Contractors are required to complete an on-line application and demonstrate competency in the stipulated criteria above as well as agree to the terms and conditions contained in IFB #021-D and specific state terms and conditions prior to entering the program.

The contractors within The Contractor Network Program may be required to have a specified number of job site inspection days on their projects. These inspection days allow WTI and Tremco, to monitor the In-Network Contractor's performance, verifying the contractor is meeting the project specifications and meeting the public agency's needs.

Process

WTI and Tremco created The Contractor Network Program to meet the needs of public procurement managers without sacrificing the quality and reliability of construction products and installation services. Under this "method of delivery", an In-Network Contractor proposes work under WTI's contract in collaboration with Tremco and WTI as administrator of The Contractor Network Program. Upon project award, the vetted and approved best-in-class In-Network Contractor will become the Prime Contractor. The In-Network Contractor's proposal is supported by R.S. Means Pricing prepared by an independent professional estimator. RS Means is a nationally accepted Construction Cost Estimating Data Price Book. It has been used by the construction industry for over 70 years as a basis for pricing projects considering every facet of a construction project, including materials, labor, transportation, storage, etc., and utilizes coefficient-based regional costs. This pricing verification mechanism provides AEPA members with the assurance that the pricing is fair and market competitive.

In-Network Contractors work directly with Tremco Technical Representatives to deliver these projects. Tremco's Technical Representatives apply for a Customer Proposal Number (CPN). This number is provided to the In-Network Contractor to track the project from start to finish. The In-Network Contractor includes the terms and conditions established by AEPA under IFB 021-D within their proposals and all project specifications. Tremco, as the administrator, obtains a copy of the purchase order and/or contract issued by the participating agency to the In-Network Contractor. The In-Network Contractor receives payment and, Tremco, as the administrator, collects the administrative fee and transmits it to the appropriate AEPA member state agency at the specified percentage.

The project is completed compliantly, transparently and provides AEPA and the member with the assurance that their project was performed by a local, quality, best-in-class contractor while meeting the obligations under this contract.



2. IFB Intent

Pricing

The pricing under The Contractor Network Delivery Model is fully transparent, consistent and fair. The pricing consists of labor, material and fees associated with addressing the public agencies' roofing, weatherproofing and building envelope related project needs. The pricing is based upon the design and scope complexity of each individual project. The practices used to develop the pricing will be consistently applied for each project and fully transparent to the public agency. To achieve this requirement of transparent pricing, the In-Network Contractor is required to provide an RS Means line item estimate. If the In-Network Contractor does not have the capacity to create an RS Means estimate, they must use an independent third-party estimator in their local market. If none exist in the In-Network Contractor's market, Tremco and WTI can recommend qualified third-party construction estimators. These independent estimators are experienced in the use of RS Means pricing means and methods and represent an independent estimate using the most current RS Means construction pricing data.

Pricing is based on the most current Online RS Means Cost Data, sorted by location code. Locations are defined as the "closest" code, as dictated by the first three numbers of the AEPA member's zip code. This will be used to determine the city cost index (CCI) at the AEPA member's site. Contractor will only use the following cost data titles as noted in AEPA IFB #021-D Part B – Specifications:

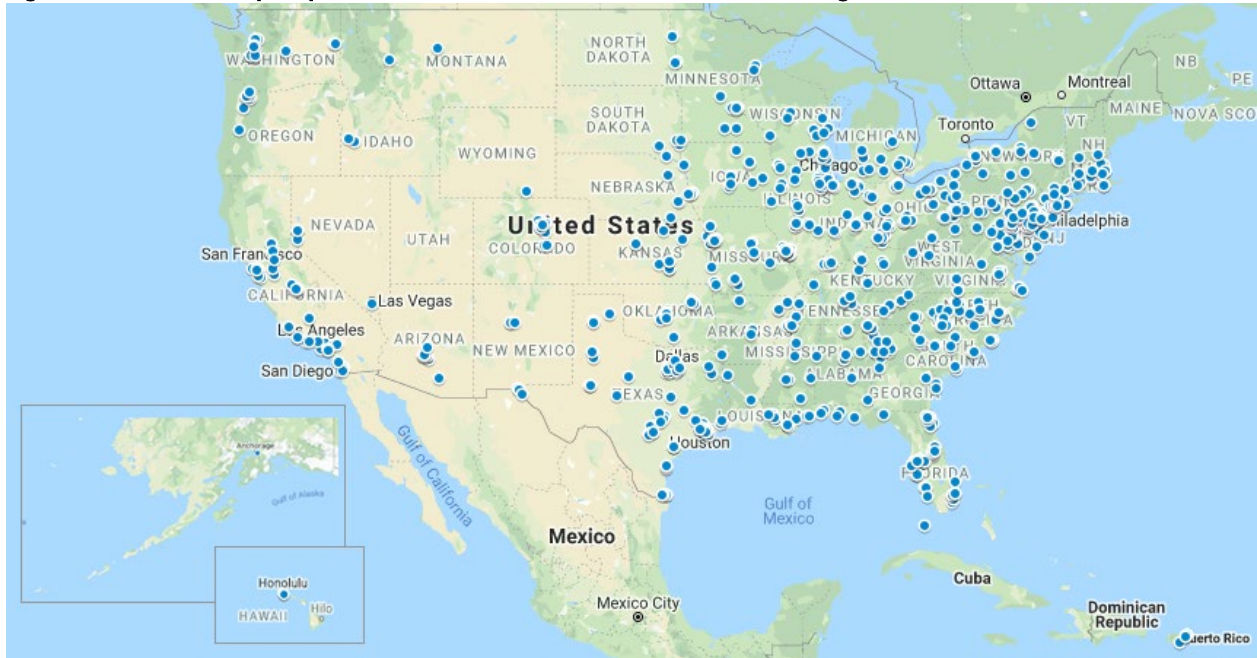
- a. Repair and Remodeling Cost Data
- b. Building Construction Cost Data
- c. Facility Construction Cost Data

In addition, the coefficient submitted by WTI with this proposal further modifies the RS Means final price and is less than 1.0 therefore offering the AEPA members an additional discount. This discounted percentage is found in F.2 Line 27 and 511 and applies a RS Means multiplier/factor of 92%. This factor is applied in the following manner. The In-Network Contractor will take the RS Means total item cost times .92 as the billable amount. The In-Network Contractor will furnish a line item estimate for the unique conditions of the building from the most current RS Means Construction Cost Index Guide. Awarded proposals will be equal to, or less than, the amount of the RS Means line item estimate, which is fully transparent, audible, consistent and fair. Prevailing wage rates will be paid according to the requirements of each state.

Figure 2-1, on the following page, contains a map representing the local, pre-qualified, best-in-class contractors authorized to perform under The Contractor Network Delivery Model. The current National Cooperative Contractor Network roster includes the locally, best-in-class contractors that have been vetted and approved to perform work under this contract.

2. IFB Intent

Figure 2-1. Nationwide pre-qualified In-Network Contractor resources as of August 2020.



The National Cooperative Contractor Network roster, provided in **Table 2-3** on the following pages, lists the individual pre-qualified In-Network Contractors that are independently owned and part of this IFB response.

The required process for the issuance of a purchase order or contract by an AEPA state agency's public member that utilizes an In-Network Contractor, must include the following sample language within the qualifying public agency's standard purchase order procedure:

"Purchase order awarded to {insert selected In-Network Contractor's name}, in the amount of {insert purchase order amount}, in accordance with the Terms and Conditions outlined within AEPA IFB #021-D Weatherproofing Technologies, Inc. Master Roofing and Building Envelope Services Contract No. IFB #021-D and related project documents."

Weatherproofing Technologies Inc.

National Cooperative Contractor Network

Roster Effective

August 31 2020

Table 2-3. In Network Contractor resources available to perform for AEPA members.

WTI has created The National Cooperative Contractor Network that provides a unique and compliant method for qualifying members to directly obtain the services of best in class, pre-qualified and local contractors. Part B - Section 2 includes the independently owned contractors that are party to the terms and conditions of #021-D and individual member state terms and conditions. These companies are considered "In Network." This feature of the contract allows qualifying members to select one or more pre-qualified, best-in-class, local companies for quoting projects. When engaged, the selected company will serve as the Prime Contractor for the delivery of the specified services. The recommended practice for the issuance of a purchase order or contract that utilizes an In-Network Contractor, is to include the following sample language within the qualifying member's and/or participant's standard purchase order procedure.

"Purchase order awarded to {insert selected in-network contractor's name}, in the amount of {insert purchase order amount}, in accordance with the Terms and Conditions outlined within the AEPA Weatherproofing Technologies Inc. Contract No. #021-D and related project documents."

| | Company | Address | City | State | Zip | Point of Contact | Telephone No. |
|----|--|---------------------------------------|---------------|----------|-------|------------------|---------------|
| AL | Acme Roofing & Sheet Metal Co., Inc | 37 Banner Street | Dothan | Alabama | 36303 | Bruce Manning | 334-983-3577 |
| AL | Alabama Roofing & Sheetmetal | 1700 Hillier Robinson Industrial Pkwy | Anniston | Alabama | 36207 | William Reid | 256-831-9000 |
| AL | All-South Subcontractors, Inc | 11118 Highway 31 | Spanish Fort | Alabama | 36527 | Brian Schaffer | 251-621-8450 |
| AL | E. Cornell Malone Corporation | 2621 Queenstown Road | Birmingham | Alabama | 35210 | Shawn Newton | 205-994-8449 |
| AL | E. Cornell Malone Corporation | 7949 Bullitt Drive | Mobile | Alabama | 36619 | Shawn Littles | 251-308-2135 |
| AL | Standard Roofing of Montgomery | 516 N McDonough Street | Montgomery | Alabama | 36102 | Pete Taylor | 334-265-1262 |
| AL | Standard Roofing of Montgomery | 9582 Madison Boulevard, Suite 9 | Madison | Alabama | 35758 | Eric Crawford | 256-325-3941 |
| AL | Standard Roofing of Montgomery | 1328 Highway 35 | Pelham | Alabama | 35124 | Pelham | 205-621-2071 |
| AL | Summit Waterproofing, Inc | 308 2nd PL SW Ste E | Alabaster | Alabama | 35124 | Dan Stegall | 205-664-3106 |
| AL | Team Roofing | 3006 11th Ave SW | Huntsville | Alabama | 35805 | John Lyons | 256-503-9112 |
| AL | Tecta America | 5578 Morgan Street | Birmingham | Alabama | 35210 | Jim Holt | 205-836-2102 |
| AL | West Roofing Systems, Inc. | 4700 Commercial Dr. | Huntsville | Alabama | 35816 | Brian Chavalia | 800-356-5748 |
| AK | Alaska Roof Coatings | 12600 Silver Fox LN | Anchorage | Alaska | 99507 | Tyler Moore | 907-952-0944 |
| AR | Architectural Roofing and Construction | 3667 C East Parker Road | Jonesboro | Arkansas | 72403 | Bryan Walters | 870-336-1645 |
| AR | Freedom Roofing Solutions, Cin. | 372 Beryl Road | Conway | Arkansas | 73032 | Brian Kirk | 501-246-9680 |
| AR | Harness Roofing, Inc. | 415 South Main | Harrison | Arkansas | 72601 | Justin Harness | 870-741-0245 |
| AR | Jonesboro Roofing Co | 2900 W. Washington Spur | Jonesboro | Arkansas | 72403 | Scott Moore | 870.935.4221 |
| AR | Ketcher & Co., Inc | 1717 East 5th St | N. Littlerock | Arkansas | 72119 | Don Lowry | 501.372.5216 |
| AR | Mid-Ark Roofing | 7 Mabelvale Drive | Mabelvale | Arkansas | 72209 | Rodney Vaughn | 501.562.3176 |
| AR | Superior General Contractors Inc | 28 Chinook Cir. | N. Littlerock | Arkansas | 72116 | Skip Spence | 501-551-0800 |
| AR | Western Specialty Contractors | 9901 Mann Road | Mabelvale | Arkansas | 72103 | Travis DeJohn | 501-455-5311 |
| AZ | Brazos Urethane, Inc. | 120 E Corporate Place Suite 18 | Chandler | Arizona | 85225 | Rusty Ruetz | 480-306-6587 |
| AZ | Classic Roofing, Inc. | 2744 W. Virginia Avenue | Phoenix | Arizona | 85009 | Andy Clark | 602-442-5550 |
| AZ | Flynn BEC LP Phoenix | 7901 E. Pierce Suite C&D | Scottsdale | Arizona | 85257 | Onnie Diaz | 623-937-1210 |
| AZ | Gryphon Companies, Inc. | 2128 E. Cedar Street | Tempe | Arizona | 85281 | Josh Hipps | 480-994-5500 |
| AZ | JBS Roofing Jim Brown & Sons Roofing | 5537 N 59th Avenue | Glendale | Arizona | 85301 | Scott Brown | 623-247-9252 |
| AZ | Paul Rich Roofing & Construction, Inc. | 9050 N. 9th Street | Phoenix | Arizona | 85020 | Paul Rich | 602-331-3379 |
| AZ | Pioneer Roofing Co | 9221 North 15Th Avenue | Phoenix | Arizona | 85021 | Bob Beebe | 602-944-2696 |
| AZ | Roofing Southwest | 2401 E Magnolia St | Phoenix | Arizona | 85034 | RJ Radobenko | 480-752-8550 |
| AZ | Roofing Southwest | 7620 N Hartman Ln #120 | Tucson | Arizona | 85743 | Samantha Rex | 520-812-7874 |
| AZ | Star Roofing, Inc | 9201 N 9th Ave | Phoenix | Arizona | 85021 | Jeff Klein | 602-944-3323 |
| AZ | Starkweather Roofing Inc | 29455 N Cave Creek Rd | Cave Creek | Arizona | 85331 | Chris Walker | 602-997-0529 |

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|----|---|--------------------------------|-----------------|------------|-------|-------------------|--------------|
| CA | A Good Roofer, Inc. | 11651 Riverside Drive #145 | Lakeside | California | 92040 | John Diamond | 619-561-7600 |
| CA | Best Contracting Services, Inc | 19027 S. Hamilton Avenue | Gardena | California | 90248 | Penni Barnes | 310-328-6969 |
| CA | Best Contracting Services, Inc | 4301 Bettencourt Way | Union City | California | 94587 | Marjorie Otbo | 510-886-7240 |
| CA | Best Roofing | 29300 Pacific Street | Hayward | California | 94544 | Moji Taba | 510-886-7240 |
| CA | Bigham Taylor Roofing | 22721 Alice Street | Hayward | California | 94541 | Steve Bigham | 510-886-0197 |
| CA | Brazos Urethane, Inc. | 4331 Santa Ana Ave | Fresno | California | 93722 | John Kemmer | 559-275-4040 |
| CA | Brazos Urethane, Inc. | 28770 Avenue 14 1/2 | Madera | California | 93638 | Craig Opel | 559-790-8695 |
| CA | Buxcon Sheet Metal, Inc. | 11222 Woodside Avenue North | Santee | California | 92071 | Larry Hendry | 619-937-0001 |
| CA | California Single Ply | P. O. Box 2799 | Rocklin | California | 95677 | Trina Mahle | 916-408-6800 |
| CA | Chambers Inc. dba Roof Construction Co | 747 Enterprises Street | Escondido | California | 92029 | Ron Chambers | 760-738-1050 |
| CA | Channel Islands Roofing, Inc. | 4155 North Southbank Road | Oxnard | California | 93036 | Richard Farrell | 805-432-3670 |
| CA | Chapman Coast Roof Company | 2301 East Orangethorpe | Fullerton | California | 92631 | Carmen Martinez | 714-738-6611 |
| CA | Commercial Roofing Systems, Inc. | 11735 Goldring Road | Arcadia | California | 91006 | Glenn Hiller | 626-359-5354 |
| CA | Craig Roof Company, Inc. | 132 Garden Street, T1 | Santa Barbara | California | 93101 | Paul Craig | 805-966-5331 |
| CA | DAC Service, Inc. dba Four C's Construction | 1560 H Street | Fresno | California | 93721 | Preston Cross | 559-237-3990 |
| CA | DK Enterprises dba King's Roofing | 520 E. Third Street | Patterson | California | 95363 | David King | 209-892-3386 |
| CA | Dwayne Nash Inc. dba Kodiak Rfg & Waterproofing Co. | 1905 Aviation Blvd | Lincoln | California | 95648 | Dwayne Nash | 916-253-1900 |
| CA | ERC Roofing & Waterproofing; Commercial Waterproofing Systems Inc | 1630 Palm Street | Santa Ana | California | 92701 | Garrett Clark | 714667-6000 |
| CA | Eberhard | 15220 Raymer Street | Van Nuys | California | 91405 | Dave Stefko | 818-782-4604 |
| CA | Falcon Roofing | 425 Constitution Ave # D | Camarillo | California | 93012 | Mike Parrent | 805-484-7400 |
| CA | Fresno Roofing | 5950 East Olive Avenue | Fresno | California | 93727 | Scott Reypholtz | 559-255-8377 |
| CA | Graham-Prewett, Inc | 2773 N. Business Park Ave #102 | Fresno | California | 93727 | Sean Prewett | 559-291-3741 |
| CA | Good-men Roofing & Construction, Inc. | 3940 Hancock Street, Ste 220 | San Diego | California | 92110 | Brian Calkins | 619-221-0873 |
| CA | Lawson Roofing | 1495 Tennessee Street | San Francisco | California | 94107 | Richard Lawson | 415-285-1661 |
| CA | Legacy Roofing | 1698 Rogers Ave, #10 | San Jose | California | 95112 | Robert Laubach | 408-467-0150 |
| CA | Letner Roofing Co | 1490 North Glassell Street | Orange | California | 92667 | German Gonzalez | 714-633-0030 |
| CA | Madsen Roof Co | 5960 Bradshaw Road | Sacramento | California | 95829 | Christian Madsen | 916-361-3327 |
| CA | Mid-land Sheetmetal | 125 E Fesler | Santa Maria | California | 93454 | Mike Wells | 805-928-3650 |
| CA | Midstate Sheetmetal, Inc | 2604B Q Street | Bakersfield | California | 93301 | Bill Bautista | 661-201-3002 |
| CA | Premier Roofing CA, Inc. | 9054 Olive Drive | Spring Valley | California | 91977 | Bill Capito | 619-667-4565 |
| CA | Pueblo Construction Inc. | 232 Anacapa Street Suite 2D | Santa Barbara | California | 93101 | Marcella Cuevas | 805-564-1313 |
| CA | RGB (Rice General Building) | 4467 Salisbury Dr | Carlsbad | California | 92010 | Dan Rice | 760-431-7400 |
| CA | Rite-Way Roof Corporation | 15425 Arrow Route | Fontana | California | 92335 | Jeff Hughes | 909-350-8490 |
| CA | Rua and Son Mechanical, Inc. | 69 Lincoln Blvd., Ste. A348 | Lincoln | California | 95648 | Louie Rua | 916-997-4737 |
| CA | Signature Renovations Group, LLC | 671 S. Cooley Dr #111 & #112 | Lakeland | California | 92324 | Shana Barson | 855-860-3732 |
| CA | State Roofing Systems | 15444 Hesperian Blvd. | San Leandro | California | 94578 | Keith Symons | 510-317-1477 |
| CA | Summit American Inc, dba Summit Roofing Services | 705 Industrial Park Drive | Manteca | California | 95337 | Tom Asbury | 209-825-3042 |
| CA | T-5 Roofing | 1331 N Dynamics St | Anaheim | California | 92806 | Matthew Espindola | 619-306-3120 |
| CA | Tecta America Sacramento Inc. | 3257 Fitzgerald Rd | Rancho Cordova | California | 95742 | Michael McClain | 916-635-9921 |
| CA | Universal Coatings Inc. | 3373 S Chestnut Avenue | Fresno | California | 93771 | Kim Nulick | 559-233-6300 |
| CA | Waterproofing Associates | 975 Terra Bella Avenue | Mountain View | California | 94043 | Dennis Ryan | 650-937-1299 |
| CA | Waterproofing Associates | 1211 E. Vine Street | Lodi | California | 95240 | John Ravetti | 209-365-1299 |
| CA | Western Specialty Contractors-Los Angeles | 650 North Batavia | Orange | California | 92868 | Kristopher Houger | 714-776-7746 |
| CA | Western Specialty Contractors-San Francisco | 15061 Wicks Boulevard | San Leandro | California | 94577 | Jon Carden | 510-875-2109 |
| CA | Wicks Roofing Inc. | 4554 Broad St #200 | San Luis Obispo | California | 93454 | Justin Wickersham | 805-546-9056 |
| CO | Alpine Roofing Co., Inc | 4780 York Street | Denver | Colorado | 80216 | Timothy Hubka | 303-295-7769 |
| CO | B & M Roofing | 3768 Eureka Way | Frederick | Colorado | 80516 | Scott Kawulok | 303-443-5843 |

| | | | | | | | |
|----|--|---------------------------------|---------------------|-------------|-------|----------------------------|----------------|
| CO | Black Roofing, Inc | 6115 Ben Place, Suite A | Boulder | Colorado | 80301 | Daniel Zahtila | 303-449-5176 |
| CO | Central States Roofing Co. Inc | 5925 Ohama Boulevard | Colorado Springs | Colorado | 80915 | Richard Emery | 719-570-1774 |
| CO | Exterior Solutions Group LLC | 10233 South Parker Road | Parker | Colorado | 80134 | Tim Hicks | 706-604-7849 |
| CO | Flynn BEC LP Denver | 6270 East 50th Avenue | Denver | Colorado | 80022 | Joe Spezia | 303-287-3043 |
| CO | Jewett Roofing Company | 3525 N Cascade Ave | Colorado Springs | Colorado | 80907 | Eric Jewett | 719-322-4500 |
| CO | Lallier Construction Inc. | 1195 S Huron St | Denver | Colorado | 80223 | Michael Lallier | 303-254-4303 |
| CO | Turner Morris, Inc | 5054 Marshall Street | Arvada | Colorado | 80002 | Tim Morris | 303-431-1300 |
| CO | United Materials, LLC | 5135 York Street | Denver | Colorado | 80216 | Beth Gloss or Linda Becker | 303-623-4166 |
| CO | Weathercraft Co of Colorado Springs, Inc. | P O Box 16039 | Colorado Springs | Colorado | 80915 | John Fleming | (719) 382-8511 |
| CO | Weathersure Systems, Inc. | 3333 S. Platte River Drive | Englewood | Colorado | 80110 | Craig R. Garey | 303-781-5454 |
| CO | Western Specialty Contractors-Denver | 5055 North Washington Street | Denver | Colorado | 80216 | John Meyer | 303-364-6200 |
| CT | Allied Restoration Corporation Remove, no longer in business | 162 Governor Street | East Hartford | Connecticut | 6108 | Herb Williamson | 860-291-8833 |
| CT | Barrett Inc. | 106 Mill Plain Road | Danbury | Connecticut | 6811 | John DeMarco | 203-744-2780 |
| CT | Commercial Roofing & Contracting Inc. | 340 Kennedy Drive | Putnam | Connecticut | 6260 | Charlie Paquette | 860-928-9199 |
| CT | Eagle Rivet Roof Services Corporation | 15 Britton Drive | Bloomfield | Connecticut | 6005 | Arthur Dias | 860-953-1231 |
| CT | S. W. Debs, LLC | 503 Fabyan Rd. | North Grosvenordale | Connecticut | 6255 | Chris Debski | 860-234-0278 |
| CT | Silktown Roofing | 27 Pleasant Street | Manchester | Connecticut | 6040 | Kevin McGrath | 860-647-0198 |
| CT | The Imperial Company Restoration Contractor Inc | 261 Main Street | Cromwell | Connecticut | 6416 | Heather Carta | 860-632-2258 |
| DC | SJC Company, Inc. | 3715 Martin Luther King Ave. SE | Washington | DC | 20032 | Jose Santos, President | 202-561-4011 |
| DE | Farrell Roofing | 225 West Main Street | Middletown | Delaware | 19709 | T. Paul Farrell, President | 302-378-7663 |
| DE | G. Fedale General Contractors, LLC | 17298 Coastal Highway, Suite #3 | Lewes | Delaware | 19958 | Erik Gonzales | 302-225-7663 |
| DE | G. Fedale General Contractors, LLC | 101 South Mary Street | Newport | Delaware | 19804 | Erik Gonzales | 302-225-7663 |
| DE | Gooding Delaware Inc. | 308 Markus Court | Newark | Delaware | 19713 | | 302-733-7565 |
| DE | H.K Griffith, Inc. | 115 Happy Lane | Newark | Delaware | 19711 | Adam Creed | 302-368-4635 |
| DE | Tri State Roofers | 404 Meco Drive | Wilmington | Delaware | 19804 | Buck High | 302-995-7027 |
| FL | Advanced Roofing, Inc. | 1950 NW 22nd Street | Fort Lauderdale | Florida | 33311 | Debbie Giuliana | 954-522-6868 |
| FL | Advanced Roofing, Inc. | 2702 Hanson St. | Fort Meyers | Florida | 33901 | Debbie Giuliana | 800-638-6869 |
| FL | Advanced Roofing, Inc. | 110 Cumberland Park Dr. | St. Augustine | Florida | 32095 | Debbie Giuliana | 904-826-3860 |
| FL | Advanced Roofing, Inc. | 8507 Sunstate | Tampa | Florida | 33634 | Debbie Giuliana | 813-885-5811 |
| FL | Advanced Roofing, Inc. | 200 Northstar Ct. | Sanford | Florida | 32771 | Debbie Giuliana | 407-322-1555 |
| FL | Advanced Roofing, Inc. | 1700 Park Ln. South Unit #2 | Jupiter | Florida | 33458 | Debbie Giuliana | 800-638-6869 |
| FL | Advanced Roofing, Inc. | 555 NW 95th St | Miami | Florida | 33150 | Debbie Giuliana | 786-483-3043 |
| FL | Alvis Construction Group Inc | 817 Honore Ave | Sarasota | Florida | 34232 | Jason Alvis | 941-270-6544 |
| FL | Architectural Sheet Metal, Inc. | 9101 Parkers Landing, Suite 100 | Orlando | Florida | 32824 | Michael Leonard | 407-855-7183 |
| FL | Barber & Associates Inc. | 5755 Macy Avenue | Jacksonville | Florida | 32211 | Matt Michelsen | 904-744-4067 |
| FL | BBG Contracting Group Inc | 10562 New Kings Road | Jacksonville | Florida | 32219 | Linwood Geiger | 904-766-5800 |
| FL | Bel-Mac Roofing, Inc. | 122-3 Bishop-Tolbert Rd | Santa Rosa Beach | Florida | 32459 | Alex Kish | 850-267-0900 |
| FL | Brazos Urethane, Inc. | P. O. Box 815 | Milton | Florida | 32572 | Tom Keller | 850-983-7663 |
| FL | Certified Roofing Specialist, Inc. | 3440 NW 25th Avenue | Pompano Beach | Florida | 33069 | Judith Salinas | 954-781-7663 |
| FL | Childers Roofing & Sheet Metal | 141 Watts Street | Jacksonville | Florida | 32204 | Liza Allen | 904-696-8550 |
| FL | CP Rankin Inc. Roof Management & Contracting | 4517 George Rd Suite 210 | Tampa | Florida | 33634 | Derrick Barwick | 866-766-3322 |
| FL | CP Rankin Inc. Roof Management & Contracting | 631 Triumph Court Suite 2 | Orlando | Florida | 32805 | Randy Holbrook | 866-766-3322 |
| FL | Crown Roofing LLC | 240 Field End Street | Sarasota | Florida | 34240 | Guil Geneau | 855-276-9655 |
| FL | Crown Roofing LLC | 8802 Venture Cove | Tampa | Florida | 33637 | Bill Lester | 855-276-9655 |
| FL | Crown Roofing LLC | 4696 Elevation Way | Fort Meyers | Florida | 33905 | Jacob Kalogridis | 855-276-9655 |
| FL | Crown Roofing LLC | 1621 Blont Road | Pompano Beach | Florida | 33069 | Mike Stegeman | 855-276-9655 |

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|----|---|-------------------------------------|---------------|---------|-------|-----------------------------|--------------|
| FL | Crown Roofing LLC | 1098 Oak Lane | Orlando | Florida | 32708 | Bill Lester | 855-276-9655 |
| FL | Crowther Roofing and Sheetmetal of Florida, Inc. | 2543 Rockfill Road | Fort Myers | Florida | 33916 | Kevin Callans | 239-337-1300 |
| FL | E. Cornell Malone Corporation | 2550 N. Palafox Street | Pensacola | Florida | 32501 | Jamie Rhodes | 601-336-7008 |
| FL | Empire Roofing Inc-Ft Lauderdale | 4615 NW 103rd Ave | Sunrise | Florida | 33351 | Steve Pearce | 954-972-7338 |
| FL | Empire Roofing Inc-Orlando | 7559 Currency Dr | Orlando | Florida | 32809 | Steve Pearce | 407-278-8801 |
| FL | Excell Caulking & Waterproofing, Inc. | 2011 Harding Street | Hollywood | Florida | 33020 | Gary Shimko | 954-922-5642 |
| FL | Fidus Roofing and Construction, LLC | 301 Kingsley Lake Drive #501 | St Augustine | Florida | 32092 | James Suplee | 904-230-5548 |
| FL | J Register Company, Register Roofing and Sheetmetal, Inc. | 4640 Sub Chaser Ct, Unit 113 | Jacksonville | Florida | 32244 | Lincoln Register | 904-215-8533 |
| FL | JMD Glogal Developers | 35 West Pine St. Suite 230 | Orlando | Florida | 32801 | Benjamin Hernandez | 877-945-0004 |
| FL | Marzucco's Construction & Coatings Inc. | 12455 Collier Blvd | Naples | Florida | 34116 | Mandi Marzucco | 239-455-7242 |
| FL | McCurdy Walden | 5267 Commonwealth Ave. | Jacksonville | Florida | 32254 | Mark Walden | 904-783-9000 |
| FL | Mike Harrell Roofing, Inc. | 3125 West Tharpe Street | Tallahassee | Florida | 32303 | Mike Harrell | 850-575-9564 |
| FL | P and A Roofing | 4495 35th Street | Orlando | Florida | 32811 | John Manzella | 407-650-9541 |
| FL | Prattco, Inc. | 2400 Airport Road, Suite 2 | Plant City | Florida | 33563 | Cheryl Newman-Pratt | 813-973-4771 |
| FL | R. F. Lusa & Sons Sheetmetal, Inc. | P. O. Box 8068 | Lakeland | Florida | 33802 | Joe Lusa | 863-682-0798 |
| FL | Ramcon LLC | 5902 Breckenridge Parkway | Tampa | Florida | 33610 | Steve Kruse | 813-663-9667 |
| FL | Roofing Concepts Unlimited | 11820 NW 41st Street | Coral Springs | Florida | 33065 | Phillip Brearey | 954-786-9357 |
| FL | Roofing by Ruff | 937 Fleming St. | Key West | Florida | 33040 | Emily Little | 305-296-1000 |
| FL | Signature Renovations Group, LLC | 1248 George Jenkins Blvd, Bldg C #2 | Lakeland | Florida | 33815 | Shana Barson | 855-860-3732 |
| FL | Springer-Peterson Roofing & Sheet Metal, Inc. | 4410 Maine Ave | Eaton Park | Florida | 33801 | Kait Jens | 863-665-1163 |
| FL | Sutter Roofing | 8284 Vico Ct | Sarasota | Florida | 34240 | John Kenney | 941-377-1000 |
| FL | Sutter Roofing | 8811 Maislin Drive | Tampa | Florida | 33637 | John Kenney | 813-868-0800 |
| FL | Sutter Roofing | 2661 Old Winter Garden Road | Orlando | Florida | 32805 | John Kenney | 407-367-4500 |
| FL | TarHeel Roofing Inc | 2600 22nd Street North | St Petersburg | Florida | 33713 | Elizabeth Mauk | 727-823-3455 |
| FL | Tecta America Southeast, LLC | 588 Monroe Rd | Sanford | Florida | 32771 | Linda Ryan | 407-330-3277 |
| FL | Tecta America West Florida LLC | 5429 N 56th Street | Tampa | Florida | 33610 | Norman Kirkpatrick | 813-321-0454 |
| FL | Weather Guard Industries SMJ Metals LLC | 5051 NW 13th Ave. Suite H | Pompano Beach | Florida | 33064 | Mark A. Sinclair | 954-7030563 |
| FL | Western Specialty Contractors-Ft Lauderdale | 1941 West Copans Road | Pompano Beach | Florida | 33064 | Mike Ramos | 954-974-4677 |
| FL | Western Specialty Contractors-Orlando | 7201 Sandscove Court, Ste 3 | Winter Park | Florida | 32792 | Nick McAlpin | 407-647-4175 |
| GA | Ben Hill Roofing and Siding Co., Inc. | 6811 Bankhead Hwy | Douglasville | Georgia | 30134 | Matthew McFetridge | 770-949-3514 |
| GA | Brazos Urethane, Inc. | 222 South King Street | Calhoun | Georgia | 30701 | Chris Tree | 865-228-3573 |
| GA | Carros Metal Concepts, Inc | 2525 Richardson Road | Villa Rica | Georgia | 30180 | April Gray | 770-577-9301 |
| GA | CP Rankin Inc. Roof Management & Contracting | 195 Fulton Court | Peach Tree | Georgia | 30269 | Casey Hayes | 866-766-3322 |
| GA | Empire Roofing Inc-Atlanta | 6647 Oak Ridge Commerce Way | Austell | Georgia | 30168 | Chris Barnett | 770-948-7663 |
| GA | Ideal Building Solutions | 6753 Jones Mill Court Suite F | Norcross | Georgia | 30092 | Jason Finney | 770-451-7183 |
| GA | Metacrafts, a Tecta Company, LLC | 4522 Ogeechee Road | Savannah | Georgia | 31405 | Allen Lancaster | 912-236-0615 |
| GA | MJR Solutions | 724 Warm Springs Hwy | Manchester | Georgia | 31816 | Brad Jordan | 706-846-3813 |
| GA | National Building Contractors | 2151 Old Covington Hwy | Conyers | Georgia | 30207 | Alan Abrahamson | 404-983-2828 |
| GA | Reroof USA Storage Structures Inc | 3807 Carolton Villa Rica Hwy | Villa Rica | Georgia | 30180 | Andy Sullivan | 770-456-1602 |
| GA | Roof Management Inc. | 2775 Pacific Drive | Norcross | Georgia | 30071 | Tim Melvin | 770-798-9102 |
| GA | Roofing Professionals, Inc | 429 Longwood Drive | Richmond Hill | Georgia | 31324 | Ted Deaton | 912-756-7663 |
| GA | Southeast Building Maintenance Technicians, Inc. | 150 C S Floyd Rd. | Loganville | Georgia | 30052 | Timothy B. Quinn | 770-466-7665 |
| GA | Southeast Roofing Solutions | 16101 Highway 80 West | Statesboro | Georgia | 30458 | Mike Mullins | 912-764-6595 |
| GA | T. L. Gowin & Company | 90 Keli Clark Court SE, Suite A | Cartersville | Georgia | 30121 | Terry Gowin | 770-974-6036 |
| GA | Tecta America Southeast, LLC | 5085 Shiloh Road | Cumming | Georgia | 30040 | Chad Olicer, Chris Pinkston | 770-740-0018 |
| GA | West Roofing System's Inc. | 530 Bonifacious Rd. | Tunnel Hill | Georgia | 30755 | Brian Chavalia | 800-356-5748 |
| GA | Western Specialty Contractors-Atlanta | 3930 Brown Mill Road | Atlanta | Georgia | 30354 | Chet Scott | 678-553-0170 |

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| HI | Kapili Construction LLC | 961217 Waihona Street | Pearl City | Hawaii | 96782 | Michael Leong | 808-621-7663 |
| HI | Pacific Islands Group dba Pacific Islands Const | 1732 Kalani Street, Suite 4 | Honolulu | Hawaii | 96819 | Dennis Swart | 808-841-7756 |
| HI | Tropical Roofing & Raingutters Inc | 5 Sand Island Access Rd #141 | Honolulu | Hawaii | 96819 | Charlie Beeck | 808-847-0030 |
| IA | Academy Roofing & Sheet Metal of the Midwest, Inc. | 6361 NE 14th Street | Des Moines | Iowa | 50313 | Nick Parenza | 515-964-2345 |
| IA | Advance Builders Corp | 707 27th Ave SW | Cedar Rapids | Iowa | 52404 | Greg Smalley | 319-247-7178 |
| IA | Black Hawk Roofing | 619 East 19Th Street | Cedar Falls | Iowa | 50613 | Mike Kerker | 319-277-9355 |
| IA | Cecil Gorsh & Sons Roofing | 102 Washington St. | Victor | Iowa | 52347 | Andrea Gorsh | 319-647-3721 |
| IA | Central States Roofing Co. Inc | 1811 E Lincoln Way | Ames | Iowa | 50010 | Mark Hanson | 515-232-9133 |
| IA | Economy Roofing & Insulating Co., Inc. | 4121 State St. | Bettendorf | Iowa | 52722 | Tim Richmiller | 563-359-6511 |
| IA | Exterior Solutions Group LLC | 809 Wheeler Street #110-388 | Ames | Iowa | 50010 | Tim Hicks | 706-604-7849 |
| IA | Geisler Brothers Co. | 340 E 12th Street | Dubuque | Iowa | 52001 | David H Geisler | 563-583-7363 |
| IA | Giese Roofing Company | 2820 Elm St | Dubuque | Iowa | 52001 | D Sprank | 563-588-2060 |
| IA | Guarantee Roofing & Siding | 2005 East 4th Street | Sioux City | Iowa | 51101 | James M. Yanney | 712-277-3981 |
| IA | Jim Giese Commercial Roofing Inc. | 10410 Silverwood Drive | Dubuque | Iowa | 52003 | Mary Swanson | 563-285-7602 |
| IA | Jim Giese Commercial Roofing Inc. | 4 Lincoln Avenue | Eldridge | Iowa | 52748 | Mary Swanson | 563-285-7602 |
| IA | Mid-West Roofing Company | 225 18Th St SE | Mason City | Iowa | 50401 | Scott Anderson | 641-424-4114 |
| IA | Modern Builders | 202 MIN St | Janesville | Iowa | 50647 | Rick Stensland | 319-987-2911 |
| IA | MTS Contracting | 6950 NE 14th St., Ste 30 | Ankeny | Iowa | 64116 | Jeff Doty | 515-289-7500 |
| IA | Rockway Mechanical & Roofing | 1025 Osborn Street | Burlington | Iowa | 52601 | Mike Weicher | 319-753-2753 |
| IA | Roofing Technology Inc | 1726 West First Street | Davenport | Iowa | 52802 | Douglas Zumaris | 563-322-0771 |
| IA | Western Specialty Contractors-Des Moines | 1829 Industrial Circle | West Des Moines | Iowa | 50265 | Tom Longer | 515-225-8240 |
| IA | Wood Roofing & Sheet Metal | 5225 N.E. 17Th Street | Des Moines | Iowa | 50313 | Ray Parsons, Jr. | 515-244-2711 |
| ID | Flynn BEC LP Boise | 6303 Cameo Street | Boise | Idaho | 83709 | Matt Galvano | 800-827-7845 |
| ID | Upson Company | 4512 East Ustick Road | Caldwell | Idaho | 83605 | Steve Upson | 208-459-6978 |
| IL | A-1 Roofing Co. | 1425 Chase Ave | Elk Grove Village | Illinois | 60007 | Mitch Rabin, Jim Gara | 847-952-3600 |
| IL | Adler Roofing | 779 Joyce Rd | Joliet | Illinois | 60436 | Jay Adler, Chris Adler | 815-773-1200 |
| IL | All American Exterior Solutions | 150 Oakwood Rd | Lake Zurich | Illinois | 60047 | Mike McCory | 847-438-4131 |
| IL | American Roofing & Repair Co. | 621 W. Washington St. | West Chicago | Illinois | 60185 | William O'Brien | 630-231-4422 |
| IL | Anthony Roofing Tecta America | 2555 White Oak Circle | Aurora | Illinois | 60502 | Dan Brown | 630-499-6137 |
| IL | Bennett & Brosseau Roofing Inc. | 535 Anderson Dr | Romeoville | Illinois | 60446 | Ryan Broom | 630-759-0009 |
| IL | Combined Roofing Services LLC | 621 West Washington Street | West Chicago | Illinois | 60185 | Eric Larsen | 630-231-4422 |
| IL | CAD Construction, Inc. | 508 E Pearl Street | Tremont | Illinois | 61568 | Kerry Keller-Martin | 309-925-2092 |
| IL | CP Rankin Inc. Roof Management & Contracting | 1330 Busch Parkway | Buffalo Grove | Illinois | 60089 | Phillip Hammett | 866-766-3322 |
| IL | Craftmasters, Inc | 1900 N 22nd Street | Decatur | Illinois | 62526 | Michael A Randles | 217-422-7742 |
| IL | Crowther Roofing & Sheetmetal, Inc | 18958 Airport Road | Romeoville | Illinois | 60446 | Frank Castagnoli | 815-351-1499 |
| IL | Designed Roofing Systems, Inc. | 4850 Jeffory Street | Springfield | Illinois | 62703 | Steve Bowsher | 217-585-1101 |
| IL | Downing Roofing Inc. | 126 Lou Rosa | Collinsville | Illinois | 62234 | Trey Downing | 314-882-8777 |
| IL | DCG Roofing | 1285 Rand Road | Deplanes | Illinois | 60016 | Dominic Dunlap | 847-296-6611 |
| IL | Elens & Maichin Roofing & Sheet Metal | 1621 Manhattan Rd | Joliet | Illinois | 60432 | Donald A Duffy | 815-727-2689 |
| IL | Freeport Industrial Roofing | 3507 Rt 26 South | Freeport | Illinois | 61032 | Paul Hoeffler | 815-235-5350 |
| IL | G.E. Riddiford Roofing Co. | 2333 Hamilton Road | Arlington Heights | Illinois | 60005 | Joe Riddifonr | 847-378-6021 |
| IL | Geissler Roofing Co., Inc | 612 South 3rd Street | Belleville | Illinois | 62220 | Stephanie McGuire | 618-277-7727 |
| IL | Henson Robinson Company | 3550 Great Northern Ave | Springfield | Illinois | 62711 | William S. Graessle | 217-544-8451 |
| IL | Industrial Services of Illinois, Inc | 717 South 19th Street | Mattoon | Illinois | 61938 | Mike Brand | 217-234-6487 |
| IL | J. L. Adler Roofing and Sheet Metal | 779 Joice Road | Joliet | Illinois | 60436 | Chris Adler | 815-773-1200 |
| IL | Knickerbocker Roofing & Paving Co., Inc | 16851 S Lathrop Avenue | Harvey | Illinois | 60426 | Mark Moran/Debbie Roulo | 708-339-7260 |

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| IL | Kreiling Roofing Co. | 2335 W Altorfer Dr | Peoria | Illinois | 61615 | Laurie Moore | 309-673-3649 |
| IL | L. Marshall Inc. | 2100 Lehigh Avenue | Glennview | Illinois | 60026 | Lawrence P. Marshall | 847-724-5400 |
| IL | Lakeside Roofing Co., Inc. | 2205 Vandalia St | Collinsville | Illinois | 62234 | Dennis Woods | 618-931-2900 |
| IL | Malcor Roofing of Illinois, Inc. | 1850 Dean Street | St. Charles | Illinois | 60174 | Jason Dorn | 630-896-6479 |
| IL | Meyer Roofing | 3950 North Dirksen Parkway | Springfield | Illinois | 62707 | Mark Singleton | 217-522-3254 |
| IL | Olsson Roofing Company Inc. | 740 S. Lake St. | Aurora | Illinois | 60542 | Mike Herlihy | 630-892-0449 |
| IL | Olsson Roofing Company Inc. | 624 Anderson Drive | Romeoville | Illinois | 60446 | om Brueck | 708-756-4696 |
| IL | Shay Roofing, Inc | 400 S. Breese St | Millstadt | Illinois | 62260 | Glenn Wenzel | 618-476-3360 |
| IL | Sterling Commercial Roofing | 2711 Locust St | Sterling | Illinois | 61081 | Tim Beard | 815-626-7744 |
| IL | Top Quality Roofing Company | 1293 State Highway 121 | Mt. Zion | Illinois | 62549 | Robert Benton | 217-864-9483 |
| IL | W. James Taylor, Inc. dba Jim Taylor, Inc. | 1127 East B Street | Belleville | Illinois | 62220 | Tim Atwood | 618-299-2424 |
| IL | Waukegan Roofing Company Inc | 1320 Gladstone | Waukegan | Illinois | 60085 | Sam Caniglia | 847-623-1625 |
| IL | Western Specialty Contractors- Concrete Restoration | 2658 West Van Buren Street | Chicago | Illinois | 60612 | Steve Genovese | 773-638-5206 |
| IL | Western Specialty Contractors- Masonry Restoration | 2658 West Van Buren Street | Chicago | Illinois | 60612 | Kevin Rogers | 773-722-2800 |
| IL | Western Specialty Contractors-Peoria | 309 NE Rock Island Avenue | Peoria | Illinois | 61603 | Michael Boyle | 309-676-2374 |
| IL | Western Specialty Contractors-Springfield | 2501 North Colt | Springfield | Illinois | 62707 | Scott Haas | 217-544-3474 |
| IL | Wiesbrook Sheet Metal | 25502 West Ruff Street | Plainfield | Illinois | 60585 | Ken Wiesbrook | 630-922-9050 |
| IN | AAA Roofing Co., Inc. | 910 N. Highland Ave | Indianapolis | Indiana | 46202 | Jim Huntington | 317-635-2928 |
| IN | Apex Masonry Inc. | 6515 E. State Rd. 42 | Terre Haute | Indiana | 47803 | Max Helton | 812-235-5686 |
| IN | Associated Roofing | 8131 Budd Road | Terre Haute | Indiana | 47805 | George Guinn | 812-466-6791 |
| IN | Blackmore & Buckner Roofing Inc. ATectaAmericaCompany | 1256 Roosevelt Ave | Indianapolis | Indiana | 46202 | Steve Buckner | 317-263-0707 |
| IN | CMS Roofing, Inc. | 3920 Butler Road | Fort Wayne | Indiana | 46808 | Brad Miller | 260-482-7663 |
| IN | Construct Solutions, Inc | 9378 Castlegate Drive | Indianapolis | Indiana | 46256 | Johhua Glassbum | 317-288-5330 |
| IN | CT Phoenix of Indiana | 1600 W 4th Street | Mount Vernon | Indiana | 47620 | Lawrence A Tully | 812-838-2414 |
| IN | Culver Roofing, Inc. | 4050 West 4th Street | Gary | Indiana | 46406 | Steve N. Pangere | 219-944-0912 |
| IN | Dahm Brothers, Inc | 2009 Lakeview Drive | Fort Wayne | Indiana | 46808 | Thomas J Dahm | 260-432-4552 |
| IN | Dilk Roofing, Inc | 2707 E. Stop 11 Road | Indianapolis | Indiana | 46227 | Kevin Dilk | 317-885-8315 |
| IN | Dudeck Roofing & Sheet Metal, Inc. | 1634 S. Franklin Street | South Bend | Indiana | 46613 | Catherine M Dudeck | 574-234-7912 |
| IN | E. C. Babilla, Inc. | 3974 Harrison Street | Gary | Indiana | 46408 | Fred Kauffman | 219-884-3851 |
| IN | Gluth Brothers Roofing Co., Inc | 6701 Osborn Ave | Hammond | Indiana | 46323 | Russ Gluth | 219-844-5536 |
| IN | Henry C. Smither Roofing Co., Inc. | 6850 E 32nd Street | Indianapolis | Indiana | 46229 | Mike Miller | 317-545-1304 |
| IN | Hinshaw Roofing & Sheet Metal Co. | 2452 South State Road 39 | Frankfort | Indiana | 46041 | Bob Pearson | 765-659-3311 |
| IN | Industrial Contractors Inc. | 401 Northwest First Street | Evansville | Indiana | 47708 | Chris Cooper, Sr. | 812-423-7832 |
| IN | Lawmasters, Inc | 1407 West Hively Ave | Elkhart | Indiana | 46517 | Lee Anglin | 574-295-3900 |
| IN | Lehman Roofing Inc. | 2728 Mt. Vernon Avenue | Evansville | Indiana | 47712 | Todd Lehman | 812-426-1111 |
| IN | Master Steel Roofing, Inc | 4530 Chester Drive | Elkhart | Indiana | 46526 | Wayne Wingard | 574-825-5910 |
| IN | McGuff Roofing Inc. | 601 E Wysor Street | Muncie | Indiana | 47305 | Pete Kuzma | 765-289-2145 |
| IN | Midland Engineering Co Inc. | 52369 U S 33 North | South Bend | Indiana | 46624 | Ken Sage | 574-272-0200 |
| IN | Midwest Roofing & Sheet Metal. | 1208 N. Harlan Ave | Evansville | Indiana | 47711 | Rick Bitter | 812-423-1138 |
| IN | Morris & Sons Roofing | 201 South Thayer Street | Bourbon | Indiana | 46504 | Kyle Newcomer | 574-342-3095 |
| IN | Preferred Roofing Inc. | 6021 Highview Drive | Fort Wayne | Indiana | 46818 | Kirk Butts | 260-484-8383 |
| IN | R Adams Roofing Inc. | 4990 Massachusetts Avenue | Indianapolis | Indiana | 46218 | Josh Wolford | 317-635-7663 |
| IN | Schust & Company Inc | 901 Hayden Street | Fort Wayne | Indiana | 46803 | Bob Schenkel | 260-432-4200 |
| IN | Slatile Roofing & Restoration | 1703 S. Ironwood Drive | South Bend | Indiana | 46613 | Gerry Longerot | 574-233-7485 |
| IN | Western Specialty Contractors-Indianapolis | 4143 Kingman Drive | Indianapolis | Indiana | 46226 | Mark Antoskiewicz | 317-377-6040 |
| KS | American Roofing, Inc. | 2500 S. 2nd Street | Leavenworth | Kansas | 66048 | M. Greenamyre | 913-772-1776 |
| KS | Boone Brothers Roofing | 1060 W. Santa Fe Street | Olathe | Kansas | 66061 | Danielle Fleming | 913-829-0447 |

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| KS | Buckley Roofing Co., Inc. | 3601 N. Hydraulic | Wichita | Kansas | 67219 | Ed Frederick | 316-838-9321 |
| KS | Charles E Mahaney Roofing Co Inc | 2822 N Mead | Wichita | Kansas | 67219 | Jim Pavlacka | 316-262-4768 |
| KS | Danker Roofing and Siding Inc. | 8521 E. Highway 24 | Manhattan | Kansas | 66502 | Jim Connizzo | 785-776-9128 |
| KS | Delta Innovative Services, Inc. | 508 S 14th St | Kansas City | Kansas | 66105 | Danny Boyle | 913-371-7100 |
| KS | Geisler Roofing, Inc. | 908 E. 6th Street | Concordia | Kansas | 66901 | Steve Geisler | 785-243-7298 |
| KS | Hamilton Roofing | 301 N. Halstead | Hutchinson | Kansas | 67501 | Gary Anderson | 316-662-4451 |
| KS | High Plains Roofing, Inc. | 4930 N. Vine | Hays | Kansas | 67601 | Alan Erickson | 785-628-1485 |
| KS | Kaw Roofing & Sheet Metal | 2105 North 13th Street | Kansas City | Kansas | 66104 | John Daly | 913-371-6100 |
| KS | Kirberg Roofing Inc. | 1035 Cheyenne Avenue | Kansas City | Kansas | 66105 | Jeremy DeMuth | 913-871-8685 |
| KS | Mid-Continental Restoration Co. Inc. | 401 E Hudson Street | Fort Scott | Kansas | 66701 | Matt Deloney | 620-223-5052 |
| KS | Roof Mechanics Inc. | 3205 N. Broadway | Wichita | Kansas | 67219 | James T. Wiesen | 316-838-4257 |
| KS | Roofmasters Roofing & Sheetmetal Co., Inc | 2070 East 8th Street | Hays | Kansas | 67601 | Luke Haines | 785-628-3614 |
| KS | Wray Roofing, Inc. | 1521 NW 36th St | North Newton | Kansas | 67114 | Janice Moffett | 316-283-6840 |
| KS | Wray Roofing, Inc. | 805 E 6th Ave | Emporia | Kansas | 67114 | Kurt Steinkuhler | 620-342-7576 |
| | | | | | | | |
| KY | Bri-Den Roofing | 459 29th Street | Ashland | Kentucky | 41101 | Brian Morrison | 606-325-8639 |
| KY | Geoghegan Roofing Company | 1405 Garland Avenue | Louisville | Kentucky | 40210 | Jack Gotting, Secretary-Treasurer | 502-585-4313 |
| KY | Highland Roofing Co., Inc. | 4007 Produce Road | Louisville | Kentucky | 40208 | Jim Ramser, Owner | 502-968-2009 |
| KY | Kalkreuth Roofing and Sheet Metal | 2131 Capstone Dr | Lexington | Kentucky | 40511 | Benson Phillips | 859-231-7663 |
| KY | Melson Roofing Co. | 2108 Melson Ridge Road | Columbia | Kentucky | 42728 | Creon Melson, Owner | 270-384-5433 |
| KY | Pearce-Blackburn Roofing, LLC | 309 Blue Sky Parkway | Lexington | Kentucky | 40509 | Greg Blackburn, President | 859-263-5137 |
| KY | RSS Roofing | 1508 Fabricon Blvd | Louisville | Kentucky | 40203 | Don Phillips | 502-635-7457 |
| KY | Southern Roofing Co., Inc. | 400 Nip Drive | Paducah | Kentucky | 42003 | Douglas M. Graham, President | 270-443-9375 |
| KY | Swift Roofing of Etown | 108 South Park Circle | Elizabethtown | Kentucky | 42702 | Greg Swift, President | 270-737-2224 |
| KY | The Imbus Roofing Company, Inc | 5 Charlin Drive | Wilder | Kentucky | 41076 | John Parks | 859-781-2260 |
| KY | Tecta America Zero Co, LLC; dba Tecta America Kentucky | 4045 McCollum Court | Louisville | Kentucky | 40218 | Pat Dorsey | 502-456-5848 |
| KY | Tri State Roofing | 1624 Old Frankfort Pike | Lexington | Kentucky | 40501 | Mike Towles | 606-233-4546 |
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| LA | Ascension Roofing | 2140 S Philippe Ave | Gonzales | Louisiana | 70707 | Rebecca Evans | 504-647-3576 |
| LA | Brazos Urethane, Inc. | 11950 Richcroft Ave | Baton Rouge | Louisiana | 70814 | Steve Atkins | 225-272-0428 |
| LA | CP Rankin Inc. Roof Management & Contracting | 146 Kingspoint Blvd | Slidell | Louisiana | 70461 | Nancy Howard | 866-766-3322 |
| LA | E. Cornell Malone Corporation | 4106 Lee Street | Alexandria | Louisiana | 71302 | Jean Parro | 318-532-6492 |
| LA | E. Cornell Malone Corporation | 9352 South Choctaw | Baton Rouge | Louisiana | 70815 | Mike Ross | 225-218-4475 |
| LA | E. Cornell Malone Corporation | 1301 Edwards Ave, Suite B | New Orleans | Louisiana | 70123 | Rich Fasano | 504-930-4405 |
| LA | Juneau Odenwald Inc | 1109 Dealers Ave | Harahan | Louisiana | 70123 | Troy Odenwald | 504.236.3929 |
| LA | Martin Specialty Coatings, LLC | 5015 Flournoy Lucas Road | Shreveport | Louisiana | 71149 | Reid Martin | 318-686-2400 |
| LA | Roof Technologies | 631 Manhattan Blvd | Harvey | Louisiana | 70058 | Bill Luebbert | 504-366-9283 |
| LA | Roofing Solutions | 37302 Commerce Lane | Prairieville | Louisiana | 70769 | Tupac de La Cruz | 225-313-3912 |
| LA | Vaughan Roofing | 4911 1-10 Frintage Road | Port Allen | Louisiana | 70767 | Michael Vaughan | 504-344-3660 |
| | | | | | | | |
| MA | Capeway Roofing Systems, Inc. | 664 Sanford Road | Westport | Massachusetts | 2790 | Joe Calheta | 508-674-0800 |
| MA | Eagle Rivet Roof Services Corporation | 160 Riverview Avenue | Waltham | Massachusetts | 2453 | Arthur Dias | 860-953-1231 |
| MA | Greylock Roofing | 12 Linscott Road | Woburn | Massachusetts | 1801 | Ian McLauchlan | 781-259-5000 |
| MA | KPR Inc. | 216 Ricciuti Drive | Quincy | Massachusetts | 2169 | Dean Burpee | 617-472-3077 |
| MA | Reliable Roofing & Sheet Metal | 105 Irving Street | Framingham | Massachusetts | 1702 | Greg Johnson | 508-628-5662 |
| MA | Specialized Roofing | 27 High Street | North Billerica | Massachusetts | 1862 | Steve Reddy | 978-670-9090 |
| MA | Titan Roofing, Inc. | 200 Tapley Street | Springfield | Massachusetts | 1104 | Shawna Pazmino-Brook | 413-536-1624 |
| MA | Titan Roofing, Inc. | 115 Old Colony Ave. | Quincy | Massachusetts | 2170 | Ray Lucci | 617-801-5084 |
| MA | Titan Roofing, Inc. | 165 Harding Street | Worcester | Massachusetts | 1604 | Jon Bates | 508-755-0487 |

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| MA | W.S. Aiken | 224 Crescent Avenue | Chelsea | Massachusetts | 1250 | Bob Conway | 617-889-0665 |
| MA | Wayne Roofing Systems Inc. | 161 Washington Street | East Walpole | Massachusetts | 2032 | Edward Coyle | 857-753-5466 |
| MD | Built-Up Roofing Systems | 3711 Wells Avenue | Mount Rainier | Maryland | 20901 | Rick Brigham | 301-681-4666 |
| MD | Citiroof Corporation | 9510 Berger Road | Columbia | Maryland | 21046 | Rodney Baxter | 410-381-3100 |
| MD | Cole Roofing Co., Inc. | 3915 Coolidge Avenue | Baltimore | Maryland | 21229 | William R. Cole, President | 410-242-0600 |
| MD | CP Rankin Inc. Roof Management & Contracting | 520 McCormick Drive Suite C | Glen Burnie | Maryland | 21061 | Nancy Howard | 866-766-3322 |
| MD | DJB Contracting, Inc. | 8411 Old Marlboro Pike, Unit 24 | Upper Marlboro | Maryland | 20772 | David Boo, President | 301-420-7663 |
| MD | East Coast Building Services, Inc. | 11905 Duckettown Road | Bowie | Maryland | 20708 | Marc Guest | 301-464-4324 |
| MD | Flynn Mid-Atlantic LP Baltimore | 5200 Raynor Avenue | Linthicum | Maryland | 21090 | Nicole Ewing | 410-636-3302 |
| MD | Heidler Roofing Services, Inc. | 960 Kuhn Ave | Hagerstown | Maryland | 21740 | Ashley Wood | 301-766-4030 |
| MD | Hite Associates, Inc. | 11521 Milnor Ave | Cumberland | Maryland | 21502 | Randy Rice | 301-729-0920 |
| MD | Interstate Corporation | 14640 A Southlawn Lane | Rockville | Maryland | 20850 | Perry J. Cho, President | 301-738-7111 |
| MD | Kalkreuth Roofing and Sheet Metal | 5726 Industry Lane | Frederick | Maryland | 21704 | Andrew VanLandingham | 301-418-6100 |
| MD | Michael J. Bollinger Co. | 3520 East Federal Street | Baltimore | Maryland | 21213 | Stew Bollinger | 410-682-5000 |
| MD | Patuxent Roofing & Contracting, Inc. | 50 Ritchie Road | Capital Heights | Maryland | 20743 | Mike Gowl | 301-333-5200 |
| MD | Ruff Roofers Inc. | PO Box 544 | Chester | Maryland | 21619 | Emilie Little | 410-242-2400 |
| MD | Ruff Roofing and Sheet Metal | 1420 Knecht Ave | Baltimore | Maryland | 21224 | Rob Ruff | 410-242-2400 |
| MD | Servicemax, LLC | 309 Truitt Street | Salisbury | Maryland | 21804 | Timo Rajala | 443-736-7229 |
| MD | Simpson of Maryland, Inc. | 1521 S. Edgewood St., Suite G | Baltimore | Maryland | 21227 | Greg Simpson, President | 410-525-0152 |
| MD | Turner Roofing Company | 11150 Pulaski Hwy | White Marsh | Maryland | 21161 | Larry Turner, President | 410-325-5050 |
| MD | Western Specialty Contractors-DC | 9251 Hampton Overlook | Capitol Heights | Maryland | 20705 | Clay Geilmann | 240-845-0808 |
| MI | Allied Roofing & Siding | 745 McKendrick SW | Grand Rapids | Michigan | 49503 | Wayne Allen | 616-243-7842 |
| MI | Arrow Roofing & Supply Inc. | 3453 Eastern Ave. SE | Wyoming | Michigan | 49508 | Josh Neumann | 616-247-4747 |
| MI | Bornor Restoration Inc. | 525 Filley Street | Lansing | Michigan | 48906 | Bill Bornor | 517-482-1625 |
| MI | C&I BUILDING MAINTENANCE, INC | 1895 15 MILE RD NE | SPARTA | Michigan | 49345 | BRADY MCINNIS | 616-866-1301 |
| MI | Grunwell-Cashero Co. | 1041 Major St | Detroit | Michigan | 48374 | Sue Czekaj | 313-843-8440 |
| MI | Hoekstra Roofing Company | 1963 Olmstead Road | Kalamazoo | Michigan | 49001 | Steve Hoekstra | 269-343-5536 |
| MI | JD Candler Roofing, Inc. | 31111 Industrial Dr. | Livonia | Michigan | 48150 | David Godek | 734-762-0100 |
| MI | Lutz Roofing Company, Inc. | 4721 22 Mile Road | Shelby Township | Michigan | 48317 | Joe Sekula | 586-739-1148 |
| MI | McDonald Roofing | 3960 Ann Arbor Road | Jackson | Michigan | 49204 | Michael Thackaberry | 517-764-1336 |
| MI | McDonald Roofing | 291 Capital Ave SW | Battle Creek | Michigan | 49037 | Michael Thackaberry | 269-223-2526 |
| MI | Mid Michigan Roofing | 3232 Enterprise Drive | Saginaw | Michigan | 48603 | Matthew Volz | 989-793-5834 |
| MI | Royal Roofing Co., Inc | 2445 Brown Road | Orion | Michigan | 48359 | Doug Stiff | 248-276-7663 |
| MI | Schreiber Corporation | 29945 Beck Road | Wixom | Michigan | 48393 | Shawn Kirk | 248-926-1500 |
| MI | Thomas Brown & Son Roofing Co. | 700 3Rd Street | Bay City | Michigan | 48708 | Dave Le Brun | 989-892-0069 |
| MN | A.W. Kuettel and Sons, Inc. | 1225 Port Terminal Road | Duluth | Minnesota | 55802 | Charles Kuetel | 218-722-3901 |
| MN | Allweather Roof Co. | 9211 Plymouth Ave North | Golden Valley | Minnesota | 55427 | Brent Loberg | 612-227-4859 |
| MN | Berwald Roofing | 2440 N. Charles Street | N. St. Paul | Minnesota | 55103 | Eugen Berwald | 651-777-7411 |
| MN | Ettel & Franz Co. | 2222 Robbins Street | Saint Paul | Minnesota | 55114 | Dave McDowall | 651-646-4811 |
| MN | Flynn Midwest, LP Minneapolis | 15525 32nd Avenue North | Plymouth | Minnesota | 55447 | Matthew Mock | 763-559-0222 |
| MN | Jadco Inc. dba J.A. Dalsin & Son Inc. | 2830 S. 20th Ave. | Minneapolis | Minnesota | 55407 | Robert Dalsin | 612-729-9334 |
| MN | Malo Roofing | 610 Riverside | Owatonna | Minnesota | 55060 | Shirley M. Malo | 507-451-7234 |
| MN | McDowall Company | 1431 Prosper Drive | Waite Park | Minnesota | 56387 | Jay Mumm | 320-251-8640 |
| MN | Schwickerts Inc. | 221 Minnesota St | Mankato | Minnesota | 56001 | Kent Schwickert | 507-387-3106 |
| MN | Western Specialty Contractors-Minneapolis | 111 Lowry Avenue, NE | Minneapolis | Minnesota | 55418 | Mike Tripp | 612-781-7100 |

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| MO | All American Painting Co, LLC. | 9400 Irvington Avenue | St. Louis | Missouri | 63134 | Richard Phillips | 314-522-9400 |
| MO | Bade Roofing, Inc. | 3806 Lemay Ferry Road | St. Louis | Missouri | 63125 | David A. Bade | 314-892-1331 |
| MO | Bartch Roofing | 4465 Schuette Road | Bridgeton | Missouri | 63044 | Dennis Bartch | 314-895-4200 |
| MO | CMT Roofing LLC | 2120 Washington Ave. | St Louis | Missouri | 63103 | Trey Downing | 314-882-8777 |
| MO | Cornell Roofing & Sheetmetal Co | 901 S. Northern Blvd | Independence | Missouri | 64053 | Mary McNamara | 816-252-8300 |
| MO | Flynn Midwest, LP | 8601 E. US Highway 40 | Kansas City | Missouri | 64129 | Michael Pierce | 816-874-4500 |
| MO | Guarantee Roofing, Inc. | 4570 N. Blackcat Rd. | Joplin | Missouri | 64801 | David McLean | 417-624-0002 |
| MO | Hausman Metal Works & Roofing, Inc | 1229 South 15th Street | St Joseph | Missouri | 64503 | Jim Hausman | 816-232-7793 |
| MO | Hyde Heating & Sheet Metal, Inc. | 10712 Kahlmeyer Drive | Saint Louis | Missouri | 63132 | Jim Hyde | 314-423-2332 |
| MO | James G Statt Tuckpointing, Inc | 8177 Gravois Road | St Louis | Missouri | 63123 | Joe Staat | 314-743-0669 |
| MO | John Jamison Construction | 252 Bristlecone Dr. | Ozark | Missouri | 65721 | John Jamison | 417-443-2380 |
| MO | Joplin Roofing Co, Inc | 5471 Dutch Elm Dr | Joplin | Missouri | 64804 | Frank McLean | 417-623-2057 |
| MO | Kirberg Roofing Co. | 1400 S Third Street | St Louis | Missouri | 63104 | Darrell Connell | 314-534-4444 |
| MO | Kirberg Roofing Co. | 1140 N. Eldon | Springfield | Missouri | 65803 | Darrell Connell | 417-833-3323 |
| MO | Mid-Continental Restoration Co. Inc. | 103 W. 26th, Suite 190 | North Kansas City | Missouri | 64116 | Matt Deloney | 620-704-2728 |
| MO | Missouri Builders Service, Inc. | 3807 Route CC | Jefferson City | Missouri | 65109 | John Kinkade | 573-636-7733 |
| MO | MTS Contracting | 1019 Swift Ave | North Kansas City | Missouri | 64116 | Mark Spears | 816-421-0909 |
| MO | MTS Contracting | 2110 E Rockhurst | Springfield | Missouri | 65802 | Tom Burch | 417-865-9991 |
| MO | Natsch and Company Inc. | Highway 63 North | Jefferson City | Missouri | 65101 | Joseph Arnold | 573-636-9114 |
| MO | Quality Roofing Company | 1315 W 8Th Street | Kansas City | Missouri | 64101 | Chris Boland | 816-472-4000 |
| MO | Quality Roofing Contractors of SE Missouri | 9350 State Highway C | Senath | Missouri | 63876 | Bryan Hodge | 573-738-2683 |
| MO | Roberts Roofing Co., Inc | 1601 Buchanan Ave | Saint Joseph | Missouri | 64501 | Steve Roberts | 816-232-0644 |
| MO | Roofing Services & Solutions | 1835 Old Route 63 | Columbia | Missouri | 65202 | Kevin Bullock | 573-886-7988 |
| MO | RSS Roofing Services & Solutions LLC | 1054 Central Industrial | St. Louis | Missouri | 63110 | Joe Lauberth | 314-771-3080 |
| MO | Shay Roofing, Inc | 400 S. Breese St | Millstadt | Illinois | 62260 | Glenn Wenzel | 618-476-3360 |
| MO | Stiles Roofing Inc. | 1911 S Jefferson | Lebanon | Missouri | 65536 | Nick Staats | 417-532-2050 |
| MO | Stiles Roofing Inc. | 1911 S Jefferson | Springfield | Missouri | 65803 | Nick Staats | 417-532-2050 |
| MO | The Quality Roofing Company | 1315 West 8th Street | Kansas City | Missouri | 64101 | James Boland | 816-472-4000 |
| MO | Top Priority Roofing Inc. | 11820 Tesson Ferry Rd, 21 #207 | St. Louis | Missouri | 63128 | Robert Bryant | 314-843-6768 |
| MO | Watkins Roofing Co. | 4401 I 70 Drive | Columbia | Missouri | 65201 | Dan Watkins | 573-449-2951 |
| MO | Weathercraft, Inc. | Hwy 63 North | Jefferson City | Missouri | 65101 | Allen Wehmeyer | 573-635-0141 |
| MO | Western Specialty Contractors-Kansas City | 800 North Agnes Avenue | Kansas City | Missouri | 64120 | Eric Birch | 816-241-0424 |
| MO | Western Specialty Contractors-Concrete Restoration | 7401 Alabama Ave. | St Louis | Missouri | 63104 | Dave Economon | 314-773-8813 |
| MO | Western Specialty Contractors-Masonry Restoration | 7401 Alabama Ave. | St Louis | Missouri | 63104 | Jason Holtman, Jack Schneider | 314-773-8813 |
| MO | Western Specialty Contractors-Roofing and Insulation | 1947 Gravois Avenue | St Louis | Missouri | 63104 | Bob Gender | 314-773-8813 |
| MO | Western Specialty Contractors | 1637 North Warson Road | St. Louis | Missouri | 63132 | Matt Wagner | 816-918-2060 |
| MO | Western Specialty Contractors | 3119 Bell St. | Kansas City | Missouri | 64111 | Keegan Tune | 816-931-1075 |
| MO | Western Specialty Contractors-Waterproofing and Roofing | 1947 Gravois Avenue | St Louis | Missouri | 63104 | Jason Holtman | 314-773-8813 |
| | | | | | | | |
| MS | Dixie Roofing, Inc. | 1936 Highway 51 | Winona | Mississippi | 38967 | Jerry Blakely | 662-283-4463 |
| MS | E. Cornell Malone Corporation | 439 Dory Street | Jackson | Mississippi | 39201 | Roman Malone | 601.352.5940 |
| MS | E. Cornell Malone Corporation | #1 Commerce Dr., Ste 200 | Hattiesburg | Mississippi | 39402 | Angela Bishop | 601-336-7008 |
| MS | Graham Roofing, Inc. | P.O. Box 2185 | Columbus | Mississippi | 39704 | James D. Graham | 662-328-5638 |
| MS | Guaranteed Roofing | 114 Paul Truit Lane | Pearl | Mississippi | 39208 | Tommy Moody | 601-941-2700 |
| MS | Independent Roofing | 5090 McRaven Rd | Jackson | Mississippi | 39204 | Larry Montpelier | 601.922.4301 |
| MS | Juneau Odenwald Inc | 1109 Dealers Ave | Harahan | Louisiana | 70123 | Troy Odenwald | 504.236.3929 |
| MS | Mandells Inc. | 4002 Hewes Avenue | Gulfport | Mississippi | 39507 | Chris Cooper | 228-864-1474 |
| MS | Marchbanks Specialty Co. | 9018 CR 436 | Water Valley | Mississippi | 38965 | Keith Marchbanks | 662-473-1463 |
| MS | Martin Smith Services, LLC | 10322 Gorenflo Rd | D 'Iberville | Mississippi | 39540 | Martin Smith | 228-697-6308 |

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| MS | Nathan E Daniels Roofing Co., Inc Daniels | 6317 D Street | Meridian | Mississippi | 39307 | Jeff Church | 601.482.3911 |
| MT | Maddox Roofing | 900 25th Street North | Great Falls | Montana | 59401 | Perry Maddox | 406-771-7410 |
| MT | Missoula Sheet Metal | 209 Trade Street | Missoula | Montana | 59808 | Howard Daley | 406-728-1680 |
| NC | AAR of North Carolina | 655 Peddycord Rd | Kernersville | North Carolina | 27284 | Larry Minor | 336-727-4534 |
| NC | Allied Roofing Company, Inc. | 744 Park Centre Drive | Kernersville | North Carolina | 27284 | Steve Hall | 336-993-8038 |
| NC | Baker Roofing Company | 519 Mercury Street | Raleigh | North Carolina | 27611 | W. Prentiss Baker III | 919-828-2975 |
| NC | Benton Roofing, Inc | 2421 Spartanburg Hwy | East Flat Rock | North Carolina | 28726 | Chris Anderson | 828-216-2283 |
| NC | BIRS, Inc | 207 Robbins Street | Greensboro | North Carolina | 27406 | Mr Raven Broeker | 336-574-3060 |
| NC | Capital City Roofing of NC, Inc. | 7703 Hwy 64 East | Knightdale | North Carolina | 27545 | Frank Davis | 919-217-4411 |
| NC | Carolina Restoration & Waterproofing Inc. | Waterproofing, Inc. | Creedmoor | North Carolina | 27522 | Robert Thaxton | 919-528-6400 |
| NC | Conover Construction & Roofing | 1168 27th Street Drive, Ne | Hickory | North Carolina | 28602 | Dale McLelland | 828-304-0103 |
| NC | CP Rankin Inc. Roof Management & Contracting | 3834 Generosity Court Suite 108 | Raleigh | North Carolina | 27529 | Jim Muster | 866-766-3322 |
| NC | GRS of Monroe, Inc. | 3810 Monroe Ansonville Rd | Monroe | North Carolina | 28110 | R. D. Baxter | 704-283-8556 |
| NC | Curtis Construction Co., Inc. | 2010 Highway 11/55 | Kingston | North Carolina | 28502 | Kelly Casey | 252-523-1078 |
| NC | Davco Roofing and Sheet Metal, Inc. | 4408 Northpointe Industrial Blvd | Charlotte | North Carolina | 28216 | Dan J. Davis | 704-817-9788 |
| NC | Dry-Tech Commercial Roofing Services, Inc. | 148 Cedar Pointe Drive Ste. 104 | Mooresville | North Carolina | 28117 | Ron Karns | 704-660-6957 |
| NC | Eagle Roofing | 4068 Zebulon Avenue | Concord | North Carolina | 28027 | Doug Platt | 980-621-2934 |
| NC | Exterior Building Services, LLC | 624B B Matthews Mint Hill Road | Matthews | North Carolina | 28105 | Kathryn Peterson | 843-670-2670 |
| NC | Exterior Diagnostic Services, Inc. | P.O. Box 821 | Apex | North Carolina | 27539 | Elda McGrath, President | 919-303-0448 |
| NC | Greenville Contractors | P O Box 423 | Greenville | North Carolina | 27835 | Richard G. Everett | 919-830-1280 |
| NC | Industrial Contract Service Corporation | 313 N Cardinal Drive | Wilmington | North Carolina | 258405 | Danny Steele | 910-452-7550 |
| NC | Hamlin Roofing Company, Inc. | P.O. Box 465 | Garner | North Carolina | 27529 | A. W. Jeffreys, Vice President | 919-772-8730 |
| NC | J Bartholomew Construction LLC | P. O. Box 2017 | Hendersonville | North Carolina | 28792 | Joe Bartholomew | 828-776-2261 |
| NC | JDM Roofing Co., Inc. | 2503 Camden Road | Fayetteville | North Carolina | 28306 | Phillip Powell, President | 910-485-3246 |
| NC | King Roofing & Mfg Corp. | 157-157 Charlotte Ave. | Sanford | North Carolina | 27330 | Vic K. Ansley | 919-776-5118 |
| NC | McRae Roofing Incorporated | P O Box 2148 | Asheboro | North Carolina | 27204 | Tim Allen | 910-672-0133 |
| NC | Murr & Laney Inc. | 2326 South Blvd | Charlotte | North Carolina | 28203 | Bill Laney | 704-523-1530 |
| NC | Nations Roof of Carolinas LLC | 10615 Industrial Drive, Ste. 100 | Pineville | North Carolina | 28134 | Brian Diederick, President | 704-553-9593 |
| NC | P & R Roofing, Inc. | 4526 Fountain Drive | Wilmington | North Carolina | 28403 | Rene Flores, President | 910-343-0509 |
| NC | Radco Construction Services | 162 Lumber Lane | Mt Holley | North Carolina | 28120 | Jann Rademacher | 704-392-0850 |
| NC | Rike Roofing Services, Inc. | 954 North Davidson St | Charlotte | North Carolina | 28206 | Allen Hughes | 704-334-1961 |
| NC | Seager Waterproofing Co. | 1091 Boulder Road | Greensboro | North Carolina | 27419 | Carl Seager | 919-292-9284 |
| NC | SEBRG LLC | 9 Walden Dr., Unit 1 | Arden | North Carolina | 28704 | Curt Nesbitt | 828-337-7850 |
| NC | Statesvill Roofing & Htg. | P. O. Drawer 1266 | Statesville | North Carolina | 28677 | Frank Watts, Project Manager | 704-873-7261 |
| NC | TeamCraft Roofing Inc. | 1316 North Long Street | Salisbury | North Carolina | 28144 | Chris Falconer | 330-353-7794 |
| NC | Weathergard, Inc | P. O. Box 1085 | Monroe | North Carolina | 28111 | Larry B. Parker | 704-289-6404 |
| NC | Western Specialty Contractors-Charlotte | 2500 Allen Road South | Charlotte | North Carolina | 28269 | Dave Sturdevant | 704-598-5098 |
| NC | Whitley/Service Roofing & Sheet Metal Company | 107 Staton Court | Greenville | North Carolina | 27834 | Mike Richardson | 252-758-2179 |
| NC | Whitley/Service Roofing & Sheet Metal Company | 3317 Hobby Court | Raleigh | North Carolina | 27604 | Josh Foltz | 919-873-0370 |
| NC | Whitley/Service Roofing & Sheet Metal Company | 4838 US-421 | Wilmington | North Carolina | 28401 | Paul Davis | 910-343-9860 |
| ND | A & R Roofing | 5001 7th Avenue North | Fargo | North Dakota | 58102 | Jim Bowles | 701-282-4739 |
| ND | GRS / Greenberg Roofing | 1810 North 6th Street | Grand Forks | North Dakota | 58203 | Mark Jackson | 701-232-7330 |
| ND | M J Dalsin Co of North Dakota Inc. | 635 Armour Street | West Fargo | North Dakota | 58078 | Mark Stahl | 701-282-0509 |
| NE | Boone Brothers Roofing | 8909 Washington St. | Omaha | Nebraska | 68127 | Larry Saathoff | 402-339-2888 |
| NE | Chappell Roofing Inc. | 302 E Street | Fairbury | Nebraska | 68352 | Kipp Chappell | 402-729-3233 |

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| NE | Guarantee Roofing & Sheet Metal | 2405 S. 13Th Street | Norfolk | Nebraska | 68701 | Bill Fisher | 402-379-2107 |
| NE | R.L. Craft Company of Omaha | 1502 N. 11Th St | Omaha | Nebraska | 68110 | Bill Livengood Jr | 402-342-9480 |
| NE | Rawson Roofing | 5001 South 27Th St | Omaha | Nebraska | 68107 | Allen Rawson | 402-733-5424 |
| NE | Sprague Roofing Company | 3515 North 39Th Street Circle | Lincoln | Nebraska | 68504 | Gregory M. Sprague | 402-467-1949 |
| NE | Weathercraft Co. of Lincoln | 5410 NW 44Th Street | Lincoln | Nebraska | 68524 | Bill Livengood Jr | 402-435-3567 |
| NE | Western Specialty Contractors-Omaha | 14515 Grover, Suite 100 | Omaha | Nebraska | 68144 | Damon Matthew | 402-333-3647 |
| | | | | | | | |
| NH | Therrien Roofing | 199 Hayward Street | Manchester | New Hampshire | 3103 | Tim Therrien | 603-669-3344 |
| | | | | | | | |
| NJ | Aetna Roofing Corp. | 1320 E State Street | Trenton | New Jersey | 8609 | John Biasini | 609-586-3666 |
| NJ | Arista Builders and Designers, Inc. | 329 Jackson Mills Road | Jackson | New Jersey | 8527 | Savvas Kyriacou, President | 732-462-6131 |
| NJ | Badger Roofing Co., Inc. | 5 Smalley Ave. | Middlesex | New Jersey | 8846 | Maureen Badger, President | 732-424-9498 |
| NJ | Build Rite, LLC. | 16 Darlington Drive | Wayne | New Jersey | 7470 | Kelly Cary | 973-296-3411 |
| NJ | Central Jersey Roofing, Inc. | 1420 Pinewood Street | Rahway | New Jersey | 7065 | David Nicol, President | 908-295-1880 |
| NJ | Chris Andersen Roofing & Erecting | 575 Sayre Avenue | Perth Amboy | New Jersey | 8861 | Nabil Elmachtoub, President | 732-826-1250 |
| NJ | Detailed Contracting, Inc. | 2 Texas Avenue | Port Monmouth | New Jersey | 7758 | James Hofer, President | 732-489-3579 |
| NJ | Dumar Services, LLC | P.O. Box 6932 | Piscataway | New Jersey | 8855 | Martin Dubois | 908-542-1240 |
| NJ | J. Wilhelm Roofing Co., Inc. | 1936 Washington Ave. | Vineland | New Jersey | 8361 | Minister/Pfc Other Wilhelm | 609-691-6161 |
| NJ | JDS General Contracting, Inc. | 304 Monmouth Road | Millstone Township | New Jersey | 8510 | Dominick Spanpanato, Jr. | 732-414-1404 |
| NJ | Joseph David Construction & Contracting Co. | 405 Pennsylvania Avenue | Linden | New Jersey | 7036 | Joseph David, President | 908-925-0007 |
| NJ | Laumar Roofing Incorporated | 119 Myrtle Ave, P.O. Box 1504 | Passaic | New Jersey | 7055 | Peter Boroff | 201-473-2767 |
| NJ | Northeast Roof Maintenance, Inc. | 649 Catherine Street | Perth Amboy | New Jersey | 8861 | Andrew Hooley, President | 732-442-2020 |
| NJ | Nu Tek Roof Systems, Inc. | P.O. Box 967 | Lake Hopatcong | New Jersey | 7849 | Tim Besbris, President | 973-663-5800 |
| NJ | Nu-Tek Roof Systems | 150 Edison Road | Lake Hopatcong | New Jersey | 7849 | Mike Camponile | 973-663-5800 |
| NJ | Patriot Roofing Inc. | 2083 Jacksonville Jobstown Rd. | Jobstown | New Jersey | 8041 | John Reilly | 609-723-6688 |
| NJ | Patwood Roofing Company | P.O. Box 533 | Lyndhurst | New Jersey | 7071 | William Zeller, President | 201-935-3339 |
| NJ | Pravco, Inc. | 245 Wescott Drive | Rahway | New Jersey | 7065 | George Fabre, Vice President | 732-388-0800 |
| NJ | Safeway Contracting, Inc. | 1087 Prospect Ave | Mountainside | New Jersey | 7092 | Cara Greely | 908-598-0813 |
| NJ | Strober Wright Roofing | 1483 Route 179 | Lambertville | New Jersey | 8530 | Michael Strober, President | 609-397-1900 |
| NJ | Thomas Company, Inc. | 6587 Delilah Road | Egg Harbor Twp. | New Jersey | 8234 | George L. Thomas, President | 609-344-5846 |
| NJ | Thorne's Independent Roofing | 988 Lakewood Farmingdale Rd. | Howell | New Jersey | 7731 | Peter Thorne, President | 732-886-7500 |
| NJ | Western Specialty Contractors-Ridgefield Facades Division | 720 Grand Ave | Ridgefield | New Jersey | 7657 | Bill Hohmeier | 201-945-0210 |
| NJ | Western Specialty Contractors-Ridgefield Midtown | 720 Grand Ave | Ridgefield | New Jersey | 7657 | James Norberg | 201-945-0210 |
| NJ | William Rauh & Son Inc. | 236 1St Street, P.O. Box 138 | Elizabeth | New Jersey | 7206 | Bill Rauh | 908-352-1085 |
| | | | | | | | |
| NM | All-Rite Construction, Inc. | 539 Oliver Ross Dr. NW | Albuquerque | New Mexico | 87121 | Meshach Alvarado | 505-344-7663 |
| NM | DKG and Associates, Inc. | 6920 Huseman Place SW | Albuquerque | New Mexico | 87121 | Weldon Good | 505-873-4660 |
| NM | National Roofing Company, Inc | 3408 Columbia Dr. NE | Albuquerque | New Mexico | 87107 | Todd Jackson | 505-883-3000 |
| | | | | | | | |
| NV | Alpine Roofing | 25 Greg St | Sparks | Nevada | 89431 | Joseph | 775-358-7663 |
| NV | D&D Roofing | 1000 Glendale Ave. | Sparks | Nevada | 89431 | Sam Chamberlin | 775-685-5555 |
| NV | Dwayne Nash Ind.dba Kodiak Rfg & Waterproofing Co. | 1890 Purina Way | Sparks | Nevada | 89431 | Geoff Glines | 775-562-3800 |
| NV | Ponderosa Roofing & Steel Works | 4949 Ponderosa Drive | Carson City | Nevada | 89701 | David Ford | 775-872-8006 |
| NV | Roofing Southwest | 3380 W Hacienda Ave #105 | Las Vegas | Nevada | 89118 | Gisele Gray | 702-834-4655 |
| NV | Western Single Ply | 1560 Industrial Way | Sparks | Nevada | 89431 | David Ford | 775-356-1173 |
| | | | | | | | |
| NY | BBR Contracting | 163 22nd Street | Brooklyn | New York | 11232 | Eve Tsimbikos | 718-788-5447 |
| NY | Dewald Roofing | 85 Corporate Park Drive | Central Square | New York | 13036 | Mike Middleton | 315-676-2744 |
| NY | Diamond Roofing | 41 Cambridge Avenue | Syracuse | New York | 13208 | Don Distefino | 315-454-3291 |

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| NY | Elmer W. Davis Roofing | 1217 Clifford Avenue | Rochester | New York | 14621 | Jeff Davis | 585-370-1133 |
| NY | Evans Roofing Co., Inc. | 1421 College Avenue | Elmira | New York | 14901 | Russ McGlynn | 607-734-8838 |
| NY | Farley Roofing (Watertown) | 280 E. Main Street | Gouverneur | New York | 13642 | Shawn Reed | 315-287-2031 |
| NY | Grove Roofing | 131 Reading Avenue | Buffalo | New York | 14220 | John Embow | 716-828-1870 |
| NY | Hayden Roofing & Building Maintenance | 169 Western Highway | West Nyack | New York | 10944 | Greg Hayden | 845-353-3400 |
| NY | James A Edgar Company Inc. | 2990 Amsterdam Road | Scotia | New York | 12302 | Chris Carr | 518-346-8896 |
| NY | Jameson Roofing | 106 Evans Street, Suite H | Hamburg | New York | 14075 | Tony Schunk | 716-646-9496 |
| NY | Jobin Construction | 120 Finn Court | Farmingdale | New York | 11735 | Dwayne Grant | 631-694-2111 |
| NY | Jos. A. Sanders & Son | 107 Lathrop Street | Buffalo | New York | 14212 | Wendy Sanders | 716-893-1470 |
| NY | Josall Syracuse Inc. | 6437 Baird Avenue | Syracuse | New York | 13206 | Nick Maselli | 315-463-9214 |
| NY | Mid-State Industries, Ltd. | 1105 Catalyn | Schenectady | New York | 12303 | Michael Lucey | 518-374-1461 |
| NY | Milcon Construction Corporation | 142 Dale Street | West Babylon | New York | 11704 | Rich Kuhn | 914-610-1575 |
| NY | Monpat Construction | 15721 Horace Harding Expressway | Flushing | New York | 11735 | Mihir Patel | 718-359-5149 |
| NY | NUA Construction Corp | 750 Saw Mill River Road | Ardsley | New York | 10502 | Frank Kavanagh | 914-437-7889 |
| NY | Peterson Roofing Company | 2905 Rt. 16 North | Olean | New York | 14760 | Scott Peterson | 716-372-5055 |
| NY | Precision Roofing Inc | 22 Kerr Lane | Southfields | NY | 10975 | Nick DeMatteo | 845-351-2009 |
| NY | Progressive Roofing | 331 Grote Street | Buffalo | New York | 14207 | Stu Jenkins | 716-873-8711 |
| NY | Proton Construction | 1171 61st Street | Brooklyn | New York | 11219 | Spiros Garyfallis | 718-851-2300 |
| NY | Spring Sheet Metal & Roofing | 678 South Clinton Avenue | Rochester | New York | 14620 | Jim Erb | 585-734-7334 |
| NY | Standback General Contractors | 1161 Little Britain Road | New Windsor | New York | 12553 | James Amend | 845-500-3712 |
| NY | Titan Roofing, Inc. | 32 Railroad Ave. | Albany | New York | 12205 | Tony Pazmino | 518-235-1707 |
| NY | Titan Roofing, Inc. | 7756 State Route 5 | Clinton | New York | 13323 | Ed Martino | 315-381-3089 |
| NY | US Allegro | 54 30 44th Street, Suite A | Maspeth | New York | 11378 | Yuri Burgutzky | 347-408-6601 |
| NY | Weathermaster Roofing (Binghamton) | 259 W. Arterial Highway | Binghamton | New York | 13901 | Chris Dipasquale | 607-723-3222 |
| NY | Weaver Roofing | 40 Appenheimer Avenue | Buffalo | New York | 14214 | Tony Byrne | 716-891-8844 |
| NY | ZHN Construction | 30 Meadow Street | Brooklyn | New York | 11206 | Kasheef Naseem | 917-440-4373 |
| | | | | | | | |
| OH | A. W. Farrell and Son, Inc | 13200 Broadway Ave. | Garfield Heights | Ohio | 44125 | Samuel A. Perrino | 440-498-3800 |
| OH | Advanced Industrial Roofing Inc. | 1330 South Erie Street | Massillon | Ohio | 44646 | Fred Horner | 330-837-1999 |
| OH | Advanced Roofing Services, Inc | 205 W. Sophia St | Maumee | Ohio | 43537 | Brian Ostrowski | 419-262-1731 |
| OH | AW Farrell & Son Roofing | 3761 Lake Shore Dr. E. | Dunkirk | New York | 14048 | Bill Farrell | 716-366-4950 |
| OH | Building Technicians Corporation | 4500 Clay Street | Geneva | Ohio | 44041 | Ed Van Hoy | 440-466-1651 |
| OH | Champion Roofing and Sheet Metal, Inc | 26100 Broadway Avenue | Oakwood Village | Ohio | 44146 | Greg Duszynski | 440-439-8108 |
| OH | Command Roofing Company | 2485 Arbor Blvd | Dayton | Ohio | 45439 | Mike Davis | 937-298-1155 |
| OH | Cotterman & Company, Inc | 04513 State Route 66N | Minster | Ohio | 45865 | Nicole Hess | 419-628-3713 |
| OH | Cotterman & Company, Inc | 1745 Atlas Street | Columbus | Ohio | 43228 | Joe Bender | 419-628-3713 |
| OH | Frost Roofing, Inc. | 2 Broadway Street | Wapakoneta | Ohio | 45895 | James J. Smithey | 419-739-2701 |
| OH | General Maintenance & Engineering Company | 1231 McKinney Avenue | Columbus | Ohio | 43222 | Gregory Hilling | 614-279-8611 |
| OH | Harold J Becker Co. Inc. | 3946 Indian Ripple Rd | Dayton | Ohio | 45434 | Nicholas Bechtel | 937-426-4951 |
| OH | Industrial First, Inc. | Industrial First, Inc | Bedford Heights | Ohio | 44146 | George Klik | 216-991-8600 |
| OH | Industrial Energy Systems, Inc. | 15828 Industrial Parkway | Cleveland | Ohio | 44135 | Barry Diedrick | 216-267-9590 |
| OH | Kalkreuth Roofing and Sheet Metal | 8345 Green Meadows Drive | Lewis Center | Ohio | 43035 | Luke Williams | 740-657-6400 |
| OH | K & W Roofing Inc. | 8356 National Rd | Pataskala | Ohio | 43062 | Bill Kilcoyne | 740-927-3122 |
| OH | Kelley & Carpenter Roofing & Sheet Metal Inc. | 507 Maple Ave | Hamilton | Ohio | 45011 | Gary Carpenter | 513-863-3565 |
| OH | Net Quest | 5583 Dockside Drive | Mason | Ohio | 45040 | Dwight Quinn | 513-234-8646 |
| OH | Net Quest | 4 Kovach Dr. Suite 407B | Cincinnati | Ohio | 45215 | Dwight Quinn | 513-948-0774 |
| OH | N. F. Mansuetto & Sons, Inc. | 116 Wood Street | Martins Ferry | Ohio | 43935 | Isaac Dieffenbauger | 740-633-7320 |
| OH | Nordmann Roofing Company | 1722 Starr Avenue | Toledo | Ohio | 43605 | Steven Saum | 419-691-5737 |
| OH | Phinney Industrial Roofing, Inc | 700 Hadley Drive | Columbus | Ohio | 43228 | Mike DeCrane | 614-308-9000 |

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| OH | Ray Roofing & Supply Inc. | 1249 Dueber Ave SW | Canton | Ohio | 44706 | Huston Hinkle | 330-323-8627 |
| OH | Sibley Inc. | 41530 Schaden Rd | Elyria | Ohio | 44035 | Kevin Crosby | 440-324-2000 |
| OH | Tecta America Zero Company LLC | 6225 Wiehe Rd | Cincinnati | Ohio | 45237 | Judy Benzing | 513-977-4336 |
| OH | Tecta America Zero Company LLC | 6104 Executive Blvd | Huber Heights | Ohio | 45424 | Melanie Sebastian-Marcum | 937-723-9528 |
| OH | Tecta America Zero Company LLC | 1230 Goodale Blvd. | Columbus | Ohio | 43212 | Crystal Napier | 614-291-9747 |
| OH | TEMA SERVICES, LLC | 1596 Motor Inn Drive | Girard | Ohio | 44420 | THOMAS E. FROELICH | 330-272-0998 |
| OH | The Enterprise Roofing & Sheet Metal | 1021 Irving Avenue, P.O. Box 545 | Dayton | Ohio | 45419 | Steve M Hemmelgarn | 513-298-8664 |
| OH | Warren Roofing & Insulating Co. | 7015 Krick Road | Walton Hills | Ohio | 44146 | Trevor Cost | 440-439-4404 |
| OH | West Roofing Systems, Inc. | 121 Commerce Street | LaGrange | Ohio | 44050 | Brian Chavalala | 440-355-9929 |
| OH | Western Specialty Contractors | 5160 W. 164th St., | Brook Park | Ohio | 44142 | Jeff Knittel | 216-485-1540 |
| OH | Wm. Kramer & Son, Inc. | 9171 Harrison Pike Unit 12 | Cleves | Ohio | 45002 | Kevin Kramer | 513-353-1142 |
| OH | Wolfe's Roofing Company | 1302 Millbury Road | Oregon | Ohio | 43619 | David Wolfe | 419-666-6233 |
| | | | | | | | |
| OK | Empire Roofing Inc-Tulsa | 1709 E King PL | Tulsa | Oklahoma | 74110 | Lincoln Hill | 918-585-5511 |
| OK | Atwell Roofing & Sheet Metal | 5528 S. 49th W. Ave | Tulsa | Oklahoma | 74107 | Robert Keefover | 918-445-2125 |
| OK | Crawford Roofing Inc. | 701 Pikes Peak Rd | Chickasha, Ok | Oklahoma | 73108 | Tim Crawford | 405-224-8763 |
| OK | DK Haney Roofing, Inc | 9624 W. Reno, Suite A | Oklahoma City | Oklahoma | 73127 | Talor Hasenbeck | 405-312-0688 |
| OK | Exterior Solutions Group LLC | 13784 North Linclon Blvd | Edmond | Oklahoma | 73013 | Tim Hicks | 706-604-7849 |
| OK | Mid-Continental Restoration Co. Inc. | 1024 N. Lansing Ave., Suite D | Tulsa | Oklahoma | 74106 | Mike Land | 918-770-7504 |
| OK | Mid-Continental Restoration Co. Inc. | 2504 E. Highway 37 | Tuttle | Oklahoma | 73089 | Brad Estes | 405-745-4940 |
| OK | Standard Roofing Company Inc | 6539 E 31st St | Tulsa | Oklahoma | 74145 | Jackie Gray | 918-280-8401 |
| OK | Standard Roofing Company Inc | 19 N. W. 16th Street | Oklahoma City | Oklahoma | 73103 | Jackie Gray | 405-236-8401 |
| OK | Ramon Franklin, LLC | 12360 Market Drive | Oklahoma City | Oklahoma | 73114 | Hunter Green | 817-395-3607 |
| OK | Turner Roofing & Sheet Metal | 1200 E Memphis | Broken Arrow | Oklahoma | 74012 | Quint Fuller | 918-258-2585 |
| OK | Universal Roofing and Sheet Metal | 604 Messenger Lane | Moore | Oklahoma | 73160 | Jimmy Guthrie | 405-799-6400 |
| OK | Western Specialty Contractors-Tulsa | 1535 East 6th Street | Tulsa | Oklahoma | 74120 | Doug Martin | 918-587-5581 |
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| OR | Anderson Roofing Company Inc., | 5885 NW St Helens Road | Portland | Oregon | 97296 | Justin Pearson | 503-378-0183 |
| OR | Anderson Roofing Company Inc. | 1860 Highway Avenue NE | Salem | Oregon | 97305 | Justin Pearson | 503-378-0183 |
| OR | Flynn BEC LP Portland | 5500 SW Arctic Drive, Suite 3 | Beaverton | Oregon | 97005 | Matt Galvano | 800-827-7845 |
| OR | General Sheet Metal Works, Inc. | 16345 SE Evelyn St | Clackamas | Oregon | 97015 | Kelly True | 503-650-0405 |
| OR | Griffith Roofing Co. | 6815 SE 111th Ave | Beaverton | Oregon | 97008 | Doug Smith | 503-643-1596 |
| OR | Snyder Roofing of Oregon, LLC | 12650 SW Hall Blvd. | Tigard | Oregon | 97223 | Bonnie Horn | 503-620-5252 |
| OR | Stryker Construction, Inc | 645 SE Arlington St | Gladstone | Oregon | 97027 | Terri Brooks/Susan Vonfeldt | 503-557-3847 |
| OR | Technical Waterproofing, Inc. | 2410 SE Harney Street | Portland | Oregon | 97202 | Tony Lieder Jr. | 503-475-0822 |
| OR | T. T. & L. Sheet Metal, Inc. | 6585 SW Fallbrook Place | Beaverton | Oregon | 97008 | Michael Brandt | 503-641-0552 |
| OR | Umpqua Roofing Co., Inc. | 1010 S Danebo Ave | Eugene | Oregon | 97402 | Ryan Witt | 541-302-6850 |
| | | | | | | | |
| PA | Alan Kunsman Roofing & Siding, Inc. | 203 Washington Street | Freemansburg | Pennsylvania | 18017 | Kevin Gough | 610-865-6990 |
| PA | Allegheny Roofing & Sheet Metal Co. | P.O. Box 7 | Rural Ridge | Pennsylvania | 15075 | Nick E. Rothmeyer | 724-265-1033 |
| PA | Ambler Roofing Co. | 272 N. Main Street | Ambler | Pennsylvania | 19003 | George Popper | 215-637-8200 |
| PA | Arc Roofing Corp. | 1059 N. Fenwick Street | Allentown | Pennsylvania | 18109 | David Thornton, President | 610-434-9648 |
| PA | Associated Construction Group Inc. | 43 Apple Hill Road | Furlong | Pennsylvania | 18925 | Dominic Farrello | 215-598-1675 |
| PA | Atlantic Roofing Corp. | P.O. Box 720 | Green Lane | Pennsylvania | 18054 | John Yanan, President | 215-234-6471 |
| PA | Altoona Roofing & Sheetmetal, LLC | 485 Chimney Rocks Road | Holidaysburg | Pennsylvania | 16648 | Barton Wise Sr | 814-937-5849 |
| PA | BC Inc | 2555 Delta Rd | Brogue | Pennsylvania | 17309 | Tarry Bratton | 717-659-0101 |
| PA | Belcher Roofing | 111 Commerce Drive | Montgomeryville | Pennsylvania | 18936 | David Cwierniewicz | 215-362-5400 |
| PA | C&D Waterproofing Corporation | 300 Papermill Road | Bloomsburg | Pennsylvania | 17815 | Grant Marshman | 570-389-8446 |
| PA | Cardinal Group Services, Inc. | 244 W. Airpark Road | Central City | Pennsylvania | 15926 | Joseph Markferding | 610-659-3323 |

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| PA | Carotenuto Brown, LLC | 401 E. Pennsylvania Boulevard | Feasterville | Pennsylvania | 19053 | Harry Carotenuto | 800-964-3365 |
| PA | CP Rankin Inc. Roof Management & Contracting | 812 W Hamilton St. Suite 401 | Allentown | Pennsylvania | 18101 | Kevin Leahy | 866-766-3322 |
| PA | CP Rankin Inc. Roof Management & Contracting | 4377 County Line Road | Chalfont | Pennsylvania | 18914 | Marc Kleiman | 215-997-9025 |
| PA | Cuddy Roofing Company, Inc. | 22 Rutgers Road, Suite 102 | Pittsburgh | Pennsylvania | 15205 | Chaz McNulty, General Manager | 412-921-2783 |
| PA | David M. Maines Associates, Inc. | 10 Expansion Drive | Lewistown | Pennsylvania | 17044 | Leslie Hartland | 717-248-3070 |
| PA | David/Randall Associates, Inc. | 219 Maple Ave | Harleysville | Pennsylvania | 19438 | Michael L Fallon | 215-256-7950 |
| PA | Detwiler Roofing | 344 E Main Street | Leola | Pennsylvania | 17540 | Titus Detwiler | 717-200-4000 |
| PA | Dunmore Roofing & Supply Co Inc. | 158 Tigue St | Dunmore | Pennsylvania | 18512 | Delvi J Olivetti, Jr. | 570-344-1412 |
| PA | Eastern Roofing Systems Inc. | 101 Berry Hill Road | Moscow | Pennsylvania | 18444 | John Basalyga, President | 570-842-0880 |
| PA | G & W Roofing & Construction Inc. | 672 Christy Road | Eighty Four | Pennsylvania | 15330 | George Weber, President | 724-229-8707 |
| PA | Garvey Roark, LLC | 600 B Snyder Avenue | West Chester | Pennsylvania | 19382 | Anthony DellaVecchio | 610-738-4661 |
| PA | Gooding, Simpson & Mackes | P.O. Box 476 | Ephrata | Pennsylvania | 17522 | Robert Young | 717-733-1241 |
| PA | G. Fedale General Contractors, LLC | 22 West Chester-Wilmington Pike | Chads Ford | Pennsylvania | 19317 | Erik Gonzales | 302-225-7663 |
| PA | G. Fedale General Contractors, LLC | 1454 Bethlehem Pike | North Wales | Pennsylvania | 19454 | Erik Gonzales | 302-225-7663 |
| PA | Heidler Roofing Service Inc. | 1345 Spahn Ave. | York | Pennsylvania | 17403 | Bob Norton | 717-843-9986 |
| PA | Houck Services Inc. | P.O. Box 6417 | Harrisburg | Pennsylvania | 17112 | Matthew W. Moul | 717-657-3302 |
| PA | Kalkreuth Roofing and Sheet Metal | 119 Hidden Valley Road | Canonsburg | Pennsylvania | 15817 | Keith Hillberry | 412-489-6351 |
| PA | Kraus Adams Company | P O Box 854 | Richboro | Pennsylvania | 18954 | Keith Bydler | 215-322-7545 |
| PA | Lentz McGrane, Inc. | 975 Second Street Pike | Richboro | Pennsylvania | 18954 | Ric Lentz, Partner | 215-355-1886 |
| PA | Metal Alliance Inc. | 424 Pike Rd | Huntingdon Valley | Pennsylvania | 19006 | Richard Keczely | 215-364-8600 |
| PA | McCreary Roofing | 1909 Chestnut Street | Erie | Pennsylvania | 16502 | Pat McCreary | 814-452-2640 |
| PA | McMullen Roofing Co Inc. | 3832 Jasper St | Philadelphia | Pennsylvania | 19124 | Diane Pertschi | 215-743-4040 |
| PA | Mike Kobithen Roofing & Insulation, Inc. | 57 Virginia Drive | Churchville | Pennsylvania | 18966 | Mike Kobithen, President | 215-533-3118 |
| PA | Miller Thomas Gyekis, Inc. | 3341 Stafford Street | Pittsburgh | Pennsylvania | 15204 | Daniel M. Mester, Vice President | 412-331-4610 |
| PA | Munn & Sons, Inc. | 521 W. Butler Avenue | Chalfont | Pennsylvania | 18914 | Murty M. Munn, President | 215-997-9401 |
| PA | Noble Roofing & Sheet Metal, Inc. | 60 Matthew Cr. | Richboro | Pennsylvania | 18954 | David C. Robbins, President | 215-364-9526 |
| PA | Northeast Union Inc. | 1525 "B" Bristol Pike | Bensalem | Pennsylvania | 19020 | Kanstantsin Sinkerich, President | 215-676-8036 |
| PA | Northwestern Roofing | 1344 South Park Ave, P.O. Box 62 | Meadville | Pennsylvania | 16335 | Robert Marsteller Vp. | 814-336-6017 |
| PA | O'Leary Contactors, Inc. | 2838 40 D Street | Philadelphia | Pennsylvania | 19134 | Paula O'Leary, President | 215-425-9133 |
| PA | Olivetti Roofing Systems Corporation | 5 S Keyser Avenue | Scranton | Pennsylvania | 18517 | Robert L Olivetti | 570-562-4510 |
| PA | Pennsylvania Roofing System | 6013 Meadow Lane | Bakerstown | Pennsylvania | 15007 | Bob Ranalla | 724-433-6872 |
| PA | Phoenix Roofing, Inc. | 230 Coraopolis Road, Suite 200 | Coraopolis | Pennsylvania | 15108 | W. Bruce Bartholomew, Vice Pres. | 412-778-8845 |
| PA | Pinnacle Roofing | 100 Hay Street | Nanticoke | Pennsylvania | 18634 | Paul Eyerman | 570-735-7751 |
| PA | Potteiger Raintree, Inc. | 342 Commerce Drive | Glen Rock | Pennsylvania | 17327 | Chris Mummert | 717-235-0507 |
| PA | Premier Roofing Services Inc | 138 Wyandotte | Lester | Pennsylvania | 19029 | Shawn Myers | 610-353-4003 |
| PA | Raintree Services, Inc. | 115 South Main Street | Jacobus | Pennsylvania | 17407 | Justin Milesky | 717-428-6417 |
| PA | R.C. Marland & Associates | 406 Ward Street | Chester | Pennsylvania | 19013 | R.Christopher Marland:Pres. | 610-497-5921 |
| PA | R.H. Marcon, Inc. | P.O. Box 1248 | State College | Pennsylvania | 16804 | Bill Beard | 814-238-2800 |
| PA | Ream Roofing Associates, Inc. | 472 E Locust St | Dallastown | Pennsylvania | 17313 | Matthew Ream, President | 717-244-8592 |
| PA | Richard L. Sensenig Company | 183 South Market Street | Ephrata | Pennsylvania | 17522 | David Lausch | 717-733-0364 |
| PA | Robert Ganter Contractors, Inc. | 595 E. Pumping Station Road | Quakertown | Pennsylvania | 18951 | Donna Ganter, Owner/President | 215-538-3540 |
| PA | Roofers Edge, Inc. | 3713 Mt. Joy Road | Mount Joy | Pennsylvania | 17552 | Misty Long | 717-653-5001 |
| PA | Russell Roofing Co.,Inc.. | 1200 Pennsylvania Ave. | Oreland | Pennsylvania | 19075 | Russell H. Kaller Pres. | 215-887-7800 |
| PA | Slippery Rock Commercial Roofing | Rd #6 Box 694 | New Castle | Pennsylvania | 16101 | Merl W. McDeavitt | 724-924-9606 |
| PA | Staab Brothers Incorporated | 217 Unity Road | Harrisville | Pennsylvania | 16038 | Thomas Staab, President | 724-735-4870 |
| PA | Stringert, Inc. | 1208 Mckee Ave. | Mc Kees Rocks | Pennsylvania | 15136 | Virginia G. Stringet Pres. | 412-771-4300 |
| PA | Strongland Roofing Systems | 1465 Airport Road | Vandergrift | Pennsylvania | 15690 | David E. Charlton, President | 724-567-6629 |
| PA | Triangle Roofing, Inc. | 351 Mt. Nebo Rd. | Pittsburgh | Pennsylvania | 15237 | Joseph Zurchin, President | 412-369-9333 |
| PA | Trident Contracting Corp. | 150 East 9th Street | Bloomsburg | Pennsylvania | 17815 | Michael Digiandomenico, President | 570-245-0056 |

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| PA | Tuscano-Maher Roofing | 373 Moween Road | Saltsburg | Pennsylvania | 15681 | Michael Maher | 724-639-9687 |
| PA | Union Roofing Contractors Inc. | 12260 Townsend Road | Philadelphia | Pennsylvania | 19154 | Frank Lubisky, Owner | 215-464-6425 |
| PA | United States Roofing Corp. | 1000 East Main Street | Norristown | Pennsylvania | 19401 | Ryan Tyrrell | 610-272-6600 |
| PA | Voegele Roofing Co. | 200 Bridge Street | Pittsburgh | Pennsylvania | 15223 | Fran Coholich | 412-781-0940 |
| PA | Warko Roofing Company Inc. | 18 Morgan Dr | Reading | Pennsylvania | 19608 | Bob Warko | 215-796-4545 |
| PA | Weather Control Co., Inc. | 336 Church Alley | Montoursville | Pennsylvania | 17754 | Michael Ault, President | 570-368-8969 |
| PA | Wespol Construction & Metal Distributors | 1000 Route #13 | Bristol | Pennsylvania | 19007 | Wes Wawrzynczak, Owner | 215-946-4900 |
| PR | Antilles Roofing Contractors | P.O. Box 365145 | San Juan | Puerto Rico | 936 | Armando Iduate | 787-781-4401 |
| PR | Atlas Roofing Contractors | P.O. Box11493 | San Juan | Puerto Rico | 910 | Nicolas Cela | 787-261-6133 |
| PR | CR Quality Roofing Contractors | P.O. Box 334458 | Ponce | Puerto Rico | 73 | Carlos Ruiz | 787-841-5509 |
| PR | Eco Logical Group | P.O. Box 764 | Bayamon | Puerto Rico | 960 | Jorge Echeandia | 787-522-9439 |
| PR | Joglar Roofing and Painting | 403 Calle Del Parquesuit 2 | San Juan | Puerto Rico | 912 | Eduardo Joglar | 787-402-5050 |
| PR | R&T Roofing Contractors | P.O. Box 55015 Station One | Bayamon | Puerto Rico | 960 | Gilberto Rodriguez | 787-269-3907 |
| RI | Capeway Roofing Systems, Inc. | 664 Sanford Road | Westport | Rhode Island | 2790 | Joe Calheta | 508-674-0800 |
| SC | C.E. Bourne & Company Inc. | 140 Industrial Drive | Greenwood | South Carolina | 29646 | Ted Bourne | 864-223-0188 |
| SC | Coastal Commercial Roofing Co. | P.O. Box 30400 | Myrtle Beach | South Carolina | 29588 | David T. Griffin, President | 843-293-8113 |
| SC | Coastal Roofing Co Inc/Branks General Contractors, LLC | 2234 N Westchester Dr | Charleston | South Carolina | 29407 | Richard Ryan | 843-556-1183 |
| SC | Exterior Building Services, LLC | 2154 N. Center Street Ste 206B | North Charleston | South Carolina | 29406 | Katheryn Peterson | 843-670-2670 |
| SC | Gardner Roofing, Inc. | 1329 Swift Creek Rd | Hartsville | South Carolina | 29550 | Michael Gardner, Jr | 843-332-9369 |
| SC | Greenville Roofing Co.,Inc.. | P.O. Box 2940 | Greenville | South Carolina | 29602 | George Gaines, President | 864-246-4141 |
| SC | I&E Specialties Inc. | 141 Riverchase Way | Lexington | South Carolina | 29072 | Wayne Fulmer | 803-796-8960 |
| SC | Johnson's Roofing Service, Inc | 1222 Quarry Overlook Dr | Fort Mill | South Carolina | 29715 | Ken Fisher | 803-802-6502 |
| SC | Lloyd Roofing Company, Inc | 2415 Montague Ave | Greenwood | South Carolina | 29649 | Eddie Lloyd | 864-223-3716 |
| SC | Rike Roofing Services, Inc. | 9160 Northfield Dr. | Fort Mill | South Carolina | 29707 | Allen Hughes | 704-334-1691 |
| SC | Roofco Incorporated of Sumter SC | 1345 N Pike East | Sumter | South Carolina | 29150 | Swain Miles | 803-775-8560 |
| SC | Southern Roofing Services, Inc. | 803 N. Wise Drive | Sumter | South Carolina | 29153 | Jerry M. Bozeman, President | 803-773-8221 |
| SC | Spann Inc. | 705 Seaboard St | Myrtle Beach | South Carolina | 29577 | Sammy Spann | 803-448-8331 |
| SD | Architectural Roofing and Sheetmetal, Inc. | 1010 South Commerce Avenue | Sioux Falls | South Dakota | 57110 | Daryl D. Drew | 605-332-1698 |
| SD | BHI, Inc. | 27240 Hwy 115 | Harrisburg | South Dakota | 57032 | Joe Bernhard | 605-743-2152 |
| SD | Guarantee Roofing of South Dakota, Inc. | 220 S. Marion Road | Sioux Falls | South Dakota | 57107 | Larry Campbell | 605-331-5121 |
| SD | Mid-Continental Restoration Co. Inc | 1008 S. Ben Street | Parkston | South Dakota | 57366 | Craig Hauser | 605-928-3533 |
| SD | Roof Systems Inc. | 924 Birch St | Brandon | South Dakota | 57005 | John A Murren | 605-582-7410 |
| SD | Roy Johnson Roofing Inc. | 500 Burliegh | Yankton | South Dakota | 57078 | Richard R. Johnson | 605-665-7731 |
| TN | ABG Caulking and Waterproofing of Moristown | 3407 West A. J. Hwy | Morristown | Tennessee | 37814 | Evan Greene | 423-587-0638 |
| TN | Alderson Rfg Co., Inc. | 3101 Gill | Memphis | Tennessee | 38109 | Sonny Alderson | 901-362-1111 |
| TN | B Four Plyed, Inc. | 3980 Winchester Road | Memphis | Tennessee | 38118 | John M. Boren, Jr., Vice President | 901-366-1544 |
| TN | Collier Roofing Co., Inc | 1523 Jones Avenue | Nashville | Tennessee | 37207 | Yvonne Collier | 615-226-2844 |
| TN | CP Rankin Inc. Roof Management & Contracting | 4141 Senator Street | Memphis | Tennessee | 38118 | Danny Brownlee | 866-766-3322 |
| TN | E. Cornell Malone Corporation | 6214 Enterprise Drive | Knoxville | Tennessee | 37909 | James Kuntz | 865-378-9727 |
| TN | Empire Roofing Inc-Memphis | 1300 Lincoln St | Memphis | Tennessee | 38114 | Billy Evans | 901-346-4384 |
| TN | Empire Roofing Inc-Nashville | 1645 Lebanon Pike Cir | Nashville | Tennessee | 37210 | Kelly Lia | 615-876-8102 |
| TN | Eskola, LLC | 2418 Morelock Rd | Morristown | Tennessee | 37814 | Ben Eskola | 423-318-2196 |
| TN | Eskola, LLC | 116 Maple Row Blvd., Suite D | Hendersonville | Tennessee | 37075 | Courtney Masters | 615-788-0462 |
| TN | Eskola, LLC | 2933 Northwest Park Drive | Knoxville | Tennessee | 37921 | Josh Hipsher | 865-224-3106 |

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| TN | Frazier Roofing and Sheet Metal Co., Inc. | 1930 St John Ave | Dyersburg | Tennessee | 38024 | Jay Wells | 731-285-6115 |
| TN | JDH Company, Inc | 1133 E Main Street | Chattanooga | Tennessee | 37408 | Jay Helton | 423-267-7663 |
| TN | Maintenance, Painting & Construction, Inc. | P. O. Box 337 | Brighton | Tennessee | 38011 | Mark Laxton, President | 901-476-5300 |
| TN | Marion & Green Roofing | 6851 East Old Murfreesboro Rd | Lebanon | Tennessee | 37090 | Mark Vincent | 615-443-3244 |
| TN | Maxwell Roofing & Sheet Metal, Inc. | 2500 Dickerson Road | Nashville | Tennessee | 37207 | John Maxwell | 615-227-5154 |
| TN | Quality Roofing Contractors of SEMO, Inc | 5321 Republic Dr | Memphis | Tennessee | 38118 | Max Richardson | 901-794-2235 |
| TN | Roof Craft Systems, Inc. | 7975 Corporate Park Drive | Loudon | Tennessee | 37774 | Bobbi Mager | 865-408-0035 |
| TN | Roof Management, Inc. | 813 Cherokee Street | Nashville | Tennessee | 37206 | Chris Brickell | 770-798-9103 |
| TN | Terry Glass General Cont. | P O Box 179 | Surgoinsville | Tennessee | 37873 | Shanon Glass | 423-345-2710 |
| TN | Total Building Maintenance, Inc | 1908 Cowart Street | Chattanooga | Tennessee | 37408 | Crystal Baldrige | 423-267-1200 |
| TN | Tri State Roofing Contractors, LLC | 3126 Alton Park Blvd | Chattanooga | Tennessee | 37410 | Chris Wicke | 423-825-4261 |
| TN | Water Control Company | P O Box 127 | Gallatin | Tennessee | 37066 | Lou A/P Kerry Owner | 615-452-5659 |
| | | | | | | | |
| TX | ABG Contracting | 10223 Contracting Group LLC | Pearland | Texas | 77584 | Alejandro Gonzalez | 281-831-3350 |
| TX | Advanced Roofing Services, Inc | 7724 US Highway 259 North | Longview | Texas | 75605 | Sammie Paz | 903-759-9298 |
| TX | Advantage USAA | 13350 Rebecca Creek Rd | San Antonio | Texas | 78707 | Emma Ortiz | 830-885-2950 |
| TX | All Star Sheet Metal and Roofing, LLC | 306 S. Bowie | Amarillo | Texas | 79106 | Randy Boyett | 806-372-5834 |
| TX | All-Tex Roofing, LLC | 5605 Creekmont | Houston | Texas | 77091 | Harvey Hester | 713-683-6775 |
| TX | American Contracting USA Inc | 1606 S Reynolds | Rio Hondo | Texas | 78583 | Leticia Barcenas | 956-748-4030 |
| TX | Anchor Roofing Systems LTD | 2809 N Houston | Ft Worth | Texas | 76106 | Scott Tankersley | 817-625-4351 |
| TX | Arcadia | 2632 Chalk Hill Road | Dallas | Texas | 75212 | Robert Feille | 214-637-4927 |
| TX | AR Contractors | 6615 Rosedale | Fort Worth | Texas | 76122 | Danny Evans | 817-654-2266 |
| TX | Argio Roofing | 29729 Norman Road | Rio Hondo | Texas | 78583 | Rogelio Escobedo | 956-748-9507 |
| TX | Atlas Universal | 735 W. Tidwell Rd | Houston | Texas | 77091 | Justin Price | 713-695-1626 |
| TX | Beldon Roofing & Remolding Co | 5039 West Ave | San Antonio | Texas | 78213 | Danny Mendez | 210-366-6957 |
| TX | Benco Construction Services, Inc dba Benco Commercial Roofing | 10101 Hicks Field Road | Ft Worth | Texas | 76179 | Bert Nunez | 817-232-3037 |
| TX | Brazos Urethane, Inc. | 1031 6th St North | Texas City | Texas | 77590 | Shelby Scoggins | 409-965-0011 |
| TX | Brazos Urethane, Inc. | 4801 Highway 21 West | Bryan | Texas | 77803 | Larry Fattig | 979-779-2222 |
| TX | Brazos Urethane, Inc. | 403 Century Plaza Drive, Suite 420 | Houston | Texas | 77073 | Jose Vela | 832.827.2926 |
| TX | Brazos-Valley Division, LLC | 1903 Ray Shell Court | Seabrook | Texas | 77586 | David Galloway | 979-248-5201 |
| TX | Byrne Metals Corporation | 848 S Houston | Humble | Texas | 77338 | Neil P. Byrne | 281-354-1100 |
| TX | C. Ortiz, Corp. dba The Roof and Metal Co | 4016 Johnson Ave | El Paso | Texas | 79930 | Carmen Ortiz | 915-566-2236 |
| TX | Commercial Siding and Maintenance Co | 8660 Lambright Road | Houston | Texas | 77075 | Casey Wendelburg | 713-991-2202 |
| TX | Corrugated Erectors | 2525 Maple Street | Texarkana | Texas | 75503 | Clyde Gillenwater | 903-792-9800 |
| TX | Diversity Resources Group | 2947 Blystone Lane | Dallas | Texas | 75220 | Wayne Lawrence | 469-916-4711 |
| TX | DK Haney | 1420 Markum Ranch Road | Fort Worth | Texas | 76126 | Brian Burden | 817-546-2266 |
| TX | Easley Construction | 206 East Anaqua | Victoria | Texas | 77901 | Hector Prado | 361-649-9571 |
| TX | Empire Roofing Inc, Austin Metal Headquarters | 16311 Central Commerce Dr, | Pflugerville | Texas | 78660 | Ben Koonce | 512-989-7663 |
| TX | Empire Roofing Inc, Corporate Location | 5301 Sun Valley Drive | Ft Worth | Texas | 76119 | Ronnie McClothlin/Matt Kelley | 817-572-2250 |
| TX | Empire Roofing Inc-El Paso | 1410 Gail Borden Pl #5 | El Paso | Texas | 79935 | Ruben Villarreal | 915-351-3550 |
| TX | Empire Roofing Inc-Houston | 19245 Kenswick Dr Ste 100 | Houston | Texas | 77338 | John Dollar | 713-255-0005 |
| TX | Empire Roofing Inc-San Antonio | 128 Industrial Dr | Cibolo | Texas | 78108 | Mike Hiser | 210-692-7700 |
| TX | Flynn BEC LP DFW | 1500 Royal Parkway | Eules | Texas | 76040 | Patrick Beasley | 817-632-5600 |
| TX | F. W. Walton, Inc. | 3741 Trailmobile | Houston | Texas | 77013 | Mark Beckendorf | 713-674-9777 |
| TX | F. W. Walton, Inc. | 10017 Beckley View Avenue | Dallas | Texas | 75232 | Garrett Dominique | 972-224-9772 |
| TX | H Construction Systems, Inc, dba Hamilton Roofing Company | 710 10th Street | Lubbock | Texas | 79401 | Steve Copenhaver | 806-763-9375 |
| TX | Haeber Roofing Company | 2833 Holly Road | Corpus Christi | Texas | 78415 | Don Rucker | 361-851-8142 |
| TX | Harrison Roofing Co., Inc | 1317 S Hill St | San Angelo | Texas | 76903 | Jeremy Harrison | 325-653-6786 |
| TX | Hefner Roofing & Construction Inc. | 4309 FM 3384 | Pittsburg | Texas | 75686 | Jed Hefner | 903-856-2932 |

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| TX | HHA Endeavors LLC dba McClung Roofing | 103 E Trammell Ave | Everman | Texas | 76140 | Robert Allen | 817-551-7222 |
| TX | J & J Roofing | 5211 Lawnview | Dallas | Texas | 75227 | Michael Ferguson | 214-381-1131 |
| TX | J Reynolds & Co., Inc. | 369 Sansom Blvd | Saginaw | Texas | 76179 | Kyle Crawford | 817-306-7477 |
| TX | J. R. Jones Roofing | 5511 Mitchelldale Street | Houston | Texas | 77092 | Tommy Thomas | 281-782-8127 |
| TX | LBK Holdings LLC | 12104 Hwy 87 Ste # 10 | Lubbock | Texas | 79423 | Todd Oliver | 806-786-3032 |
| TX | Liqua Tech | 1819 Milby St | Houston | Texas | 77003 | Charles Small | 713-225-5325 |
| TX | Lydick Hooks Roofing Co of Midland, Inc. | 2131 Market Street | Midland | Texas | 79703 | Robert Manning | 432-520-7718 |
| TX | Lydick Hooks Roofing Company of Abilene, Inc. | 401 China Street | Abilene | Texas | 79604 | Jerry Siewert | 325-673-6408 |
| TX | Lydick Hooks Roofing Company of Lubbock, Inc. | 1924 Clovis Rd | Lubbock | Texas | 79415 | Reed Hooks | 806-765-5577 |
| TX | Marton Roofing Industries LTD | 5207 Ashbrook | Houston | Texas | 77081 | Joe Marton | 713-664-7000 |
| TX | Mid-Continental Restoration Co. Inc. | 5125 NE Parkway | Fort Worth | Texas | 76106 | Randy Hughes | 817-498-7277 |
| TX | Millsap Waterproofing | 2414 McAllister Road | Houston | Texas | 77092 | Ira Lewis | 713-956-6677 |
| TX | Mitchell Contracting | 5401 Milwee Street | Houston | Texas | 77092 | Greg Martin | 281-450-3575 |
| TX | Montgomery Construction | 1998 Cooksey LN | Asheville | Texas | 76655 | Austin Montgomery | 254-981-6191 |
| TX | Oates Industries, Inc. | 2900 East X Street | Laporte | Texas | 77571 | Danny Erp | 281-930-9305 |
| TX | Parsley's Sheet Metal & Roofing | 214 E. Tyng | Pampa | Texas | 79065 | Bill Roy | 806-669-6461 |
| TX | Peak Roofing | 3451 Antoine Drive | Houston | Texas | 77270 | Hunter Groth | 713-864-7325 |
| TX | Perkins Roofing Company, Inc | 1145 Lindergh | Beaumont | Texas | 77707 | David Perkins | 409-842-2212 |
| TX | Port Enterprizes LTD | 11303 Conroy Ln | Austin | Texas | 78652 | Cody Comstock | 512-280-1030 |
| TX | Port Enterprizes LTD | 1955 Saratoga Blvd | Corpus Christi | Texas | 78417 | Cody Comstock | 361-289-2944 |
| TX | Pyramid Roofing & Waterproofing | 122 Berry Rd | Houston | Texas | 77022 | Carleen Welch | 713-699-4777 |
| TX | QA Construction Construction Services Inc. | 5811 Blue Bluff Road | Austin | Texas | 78724 | Kevin Carlson | 512-637-6121 |
| TX | R&B Roofing LLC | 2601 Wood Drive | Garland | Texas | 45041 | Kevin Ballard | 214-232-6527 |
| TX | Rain King Inc. | 2006 Delmar Dr | Victoria | Texas | 77902 | Teresa Cain | 361-576-0606 |
| TX | Rain Seal Master Roofing and Sheet Metal | 2306 Port Lavaca Drive | Victoria | Texas | 77901 | Butch Martinez | 361-576-0926 |
| TX | Rio Roofing Inc. | 310 Hanmore Industrial Pkwy | Harlingen | Texas | 78550 | Thomas Gonzalez | 956-423-3359 |
| TX | Ramon Franklin LLC | 117 Roberts Cut Off Rd | Fort Worth | Texas | 76114 | Hunter Green | 817-395-3607 |
| TX | Roof Toppers of El Paso Inc. | 1200 El Caracol | Clint | Texas | 79836 | Alexander Gonzalez | 915-775-3539 |
| TX | Samuel Dean Roofing | 708 Cupples Rd. | San Antonio | Texas | 78201 | Derrel Black | 210-734-4219 |
| TX | Sanders Roofing & Exteriors, LLC | 1641 CR 269 | Leander | Texas | 78641 | Ray White | 512-563-8342 |
| TX | Schrader Roofing Inc | 612 SW 4th Ave | Amarillo | Texas | 79101 | Eric Zimmerman | 806-374-7243 |
| TX | Sea-Breeze Roofing, Inc. | 1927 Ahrens | Houston | Texas | 77017 | Ron Howard | 713-643-7997 |
| TX | Sechrist Hall Company, Inc. | 102 N Omaha Dr. | Corpus Christi | Texas | 78408 | Henry Sapp | 361-884-5264 |
| TX | Sechrist Hall Company, Inc. | 2826 W Expressway 83 | Harlingen | Texas | 78551 | Bill McBride | 956-423-7086 |
| TX | Shackelford Roofing | 7302 Helbig Rd | Beaumont | Texas | 77708 | Donald Shackelford | 409-892-3650 |
| TX | Shelter Roofing LP | 12440 Galveston Rd | Houston | Texas | 77059 | Chris Roebelen | 713-632-3745 |
| TX | Shepard Roofing Corporation | 1803 West Dakota Ave | Midland | Texas | 79701 | Robbie Shepard | 432-682-8821 |
| TX | Signature Renovations Group, LLC | 14350 Proton Rd | Farmers Branch | Texas | 75244 | Shana Barson | 469-208-3733 |
| TX | Storm WPS LLC | 1101 Westwood Drive | Lewisville | Texas | 75067 | Jamie Vega | 214-566-3221 |
| TX | Structural Concrete Systems, LLC | 21200 Country Pines Road | Magnolia | Texas | 77355 | Michele DiBassie | 281-583-7776 |
| TX | Supreme Systems | 1355 N Walton Walker Blvd | Dallas | Texas | 75211 | Lance Harris | 214-330-8913 |
| TX | Tecta America Amarill Construction Services LLC | 2214 S. Lincoln | Amarillo | Texas | 79109 | Tracy Honea | 806-373-1732 |
| TX | Topside Contracting, LLC | 703 Cupples Road | San Antonio | Texas | 78237 | Jason Fernandez | 210-438-1030 |
| TX | Weatherproofing Services | 2336 Oak Grove Lane | Aubrey | Texas | 76227 | Gary Place | 972-731-8222 |
| TX | Weatherproofing Services | 1925 Rose St | Irving | Texas | 76227 | Ricky Whitfield | 972-731-8222 |
| TX | West Texas Roofing Inc. | 308 E Louisiana | Midland | Texas | 79701 | Tom Jackson | 432-686-0511 |
| TX | Western Specialty Contractors-Houston | 5728 Clarewood | Houston | Texas | 77081 | Patrick Sheeran | 713-667-6682 |
| TX | Western Specialty Contractors-North Texas/Dallas | 2601 Industrial | Garland | Texas | 75041 | Ed Carter | 972-289-7000 |
| TX | Western Specialty Contractors | 604 S. Loop 4, Ste A | Buda | Texas | 78610 | Mackey Welch | 310-340-2264 |

| | | | | | | | |
|----|--|--------------------------------|-----------------|------------|-------|----------------------------------|--------------|
| TX | Western Specialty Contractors-San Antonio | 9448 Corporate Drive | Selma | Texas | 78154 | Dan Wicht | 210-340-2264 |
| VA | Baker Roofing Co. | 1800 Battery Dantzler Rd | Chester | Virginia | 23836 | Glenn Worthington | 804-425-5362 |
| VA | Baker Roofing of Roanoke, LLC | 3308 Shenandoah Avenue NW | Roanoke | Virginia | 24017 | Bobby Smith | 540-981-2430 |
| VA | Block Roofing Corporation | 3412 E. Virginia Beach Blvd. | Norfolk | Virginia | 23502 | Glenn M. Cherry | 757-855-0400 |
| VA | CP Rankin Inc. Roof Management & Contracting | 8161 Mechanicsville Turnpike | Mechanicsville | Virginia | 23111 | Nancy Howard | 866-766-3322 |
| VA | Culbertson Company of VA, LLC | 700 Tech Circle | Manassas | Virginia | 20109 | Molly Barnette | 703-369-2550 |
| VA | Dominion Waterproofing & Construction Services, Inc. | 3903 Carolina Avenue | Richmond | Virginia | 23222 | Ken Moses | 804-355-1440 |
| VA | Ducks Roofing Company, Inc. | 403 Hanbury Avenue | Portsmouth | Virginia | 23702 | Edward M. Gibson, President | 757-397-4330 |
| VA | J. D. Miles & Sons, Inc. | P.O. Box 5008 | Chesapeake | Virginia | 23324 | Jay D. Miles IV | 757-545-5912 |
| VA | Roof Engineering Corp. | 3401 Mangrove Avenue | Norfolk | Virginia | 23502 | William E. Chitty, II, President | 757-455-8333 |
| VA | Roof Services Corporation | 3056 Holland Road | Virginia Beach | Virginia | 23456 | Gary Rogacki | 757-468-4443 |
| VA | Roof Systems of VA., Inc. | 501 Jefferson Davis Hwy | Richmond | Virginia | 23224 | Malcolm Nunn | 804-231-2875 |
| VA | Service Roofing & Sht Mtl. | P O Box 791 | Martinsville | Virginia | 24114 | Greg Evans | 703-638-2493 |
| VA | Simpson Unlimited, Inc. | 11121 Industrial Rd. | Manassas | Virginia | 20109 | Daniel Ulvinen | 703-361-0841 |
| VA | Whitley/Service Roofing & Sheet Metal Company | 2700 Goodes Bridge Road | Richmond | Virginia | 23224 | Tim Haden | 804-276-5555 |
| VA | Whitley/Service Roofing & Sheet Metal Company | 1985 Snow Point Lane | Charlottesville | Virginia | 22902 | Brett Larson | 434-984-0550 |
| VA | Whitley/Service Roofing & Sheet Metal Company | 117 Koehler Road | Martinsville | Virginia | 24112 | Greg Evans | 276-638-2493 |
| VT | Brattleboro Roofing and Sheet Metal | 154 Elliot Street | Brattleboro | Vermont | 5301 | Danny Young | 802-254-4333 |
| WA | Bassett Construction, Inc. | 6716 NE 117th Ave | Vancouver | Washington | 98662 | Erik Loft | 509-990-6719 |
| WA | Cornerstone Roofing, Inc. | 17624 15th Avenue SE #101A | Bothell | Washington | 98012 | Bill Sullivan | 425-485-0111 |
| WA | Commercial Industrial Roofing Inc | 3601 121st St SW | Lynnwood | Washington | 98087 | Beau Fabregas | 425-423-0900 |
| WA | Flynn BEC LP Seattle | 20829 72nd Avenue S, Suite 500 | Seattle | Washington | 98032 | Matt Galvano | 253-887-1500 |
| WA | Flynn BEC LP Spokane | 4414 S. Dowdy Road | Spokane | Washington | 99224 | Matt Galvano | 509-455-4043 |
| WA | Krueger Sheet Metal Co. | 731 N Superior St | Spokane | Washington | 99202 | Levi Cavanah | 509-489-0221 |
| WA | Krueger Sheet Metal Co. | 6515 West Marginal Way SW | Seattle | Washington | 98106 | Alex Brandt | 206-283-4771 |
| WA | Lawson Contracting LLC dba Wright Roofing | 3030 Cedar Street | Tacoma | Washington | 98409 | Ryan Lawson | 253-472-3321 |
| WA | Legends Roofing Co Inc. | 6005 160th St E | Puyallup | Washington | 98375 | Ron Mc | 253-606-9070 |
| WA | M. Vail | 435-A Rock Island Road | East Wenatchee | Washington | 98801 | Michael J Vail | 509-886-8708 |
| WA | Meyer Brothers Roofing | 2301 Lincoln Ave | Tacoma | Washington | 98421 | Eugene Meyer | 253-596-5005 |
| WA | R&C Roofing Inc., dba Chinook Roofing & Gutters | 5113 Pacific Hwy E-Suite 8 | Fife | Washington | 98424 | Duane Hadley | 253-517-0884 |
| WA | Repair And Restoration Roofing Solution Inc. | 6602 Homestead Ave | Tacoma | Washington | 98404 | Mikhail Kristev | 253-229-1136 |
| WA | Snyder Roofing | 20203 Broadway Avenue | Snohomish | Washington | 98296 | Darrin Evans | 425-402-1848 |
| WA | Star Roofing and Construction Inc | 16912 9th Ave SE | Lynnwood | Washington | 98012 | Greg Ostolaza | 428-754-7032 |
| WA | Technical Waterproofing, Inc. | PO Box 3633 | Seattle | Washington | 98124 | Andy Schmidt | 206-768-8324 |
| WA | V&R Sheet Metal, LLC | 2920 S. Cushman Ave. | Tacoma | Washington | 98409 | Paul Fannin | 206-841-7663 |
| WA | Western Specialty Contractors-Seattle | 4429 Airport Way South | Seattle | Washington | 98108 | Dave Kimble | 425-226-8353 |
| WI | Banks Roofing | 2519 N. 28th St | Superior | Wisconsin | 54880 | Barbara Van Ert | 715-392-5491 |
| WI | Carlson Racine Roofing | 2401 Eaton Lane | Racine | Wisconsin | 53404 | Greg Peterson | 262-632-5920 |
| WI | Cudahy Roofing Co. | 4801 S. Whitnall Ave. | Cudahy | Wisconsin | 53110 | David Kielpinski | 414-481-1985 |
| WI | E.D. Chase Co., Inc. | 5001 Green Valley Rd | Oshkosh | Wisconsin | 54904 | Terry W. Buss | 920-235-5220 |
| WI | Gary Brown Roofing | 4227 Triangle St | McFarland | Wisconsin | 53558 | Gary Brown | 608-838-0066 |
| WI | Kulp's of Stratford, LLC | C1891 Highway 153 | Stratford | Wisconsin | 54484 | Bob Kulp | 715-687-3368 |
| WI | Ledegar Roofing Co., Inc. | 1711 Miller St. | Lacrosse | Wisconsin | 54602 | Alex Koonce | 608-785-0901 |
| WI | Maurer's Roofing Co | 10771 S. Cherry St. | Marshfield | Wisconsin | 54449 | Ron Maurer | 715-387-2570 |
| WI | Midwestern Roofing & Construction | 5433 W. Keefe Ave | Milwaukee | Wisconsin | 53216 | Trais Haire | 414-213-1031 |

| | | | | | | | |
|----|--|---------------------------|---------------|---------------|-------|--------------------|--------------|
| WI | Northern Metal & Roofing | 320 Packerland Drive | Green Bay | Wisconsin | 54303 | Thomas Zelzer | 920-432-7719 |
| WI | Pioneer Roofing, Inc. | 151 Maple St | Johnson Creek | Wisconsin | 53038 | John H. Boettcher | 920-699-2731 |
| WI | R Duranso & Son | S 81 & W 18510 Gemini Dr. | Muskego | Wisconsin | 53150 | Rick Duranso | 414-679-3081 |
| WI | Schaus Roofing | 2901 Calumet Ave. | Manitowoc | Wisconsin | 54220 | Williams N. Schaus | 920-684-5559 |
| WI | Schranz Roofing Inc. | 4111 W. Mill Rd | Milwaukee | Wisconsin | 53209 | D.L. Busalacchi | 507-387-3106 |
| WI | Tilsen Roofing Co., Inc. | 1421 Gilson St. | Madison | Wisconsin | 53715 | David J. Tilsen | 608-256-2388 |
| WI | W.J. Woodruff Roofing | 279 Forest Ave | Fond Du Lac | Wisconsin | 54935 | Watson B. Woodruff | 920-922-3110 |
| WI | Walsdorf Roofing | W 325 Highway 149 | Kiel | Wisconsin | 53042 | Gary Schmitz | 920-894-2286 |
| WI | Winding Roofing | 6410 W. River Pkwy | Milwaukee | Wisconsin | 53213 | Donald Schaefer | 414-453-4600 |
| | | | | | | | |
| WV | Heritage Roofing, Inc. | 925 Mid Atlantic Parkway | Martinsburg | West Virginia | 25404 | Deborah Query | 304-263-9494 |
| WV | Kalkreuth Roofing & Sheet Metal | 53 14th Street | Wheeling | West Virginia | 26003 | Briana Fowkes | 304-232-8540 |
| WV | Murray Sheet Metal | 3112 7th Street | Parkersburg | West Virginia | 26104 | Chad McVay | 304-422-5431 |
| WV | Tri State Roofing | P.O. Box 1231 | Charleston | West Virginia | 25324 | Tim Dorsch | 304-755-8135 |
| WV | Tri State Roofing | P.O. Box 188 | Davisville | West Virginia | 26142 | Jt Thomas | 304-485-6593 |
| WV | Tri State Roofing | 1651 Blue Horizon Drive | Morgantown | West Virginia | 26501 | Ken Hanson | 304-328-5244 |
| | | | | | | | |
| WY | Flynn BEC LP Denver | 6270 East 50th Avenue | Denver | Colorado | 80022 | Joe Spezia | 303-287-3043 |
| | | | | | | | |
| | Some contractors may contract work in multiple states with proper licensing. | | | | | | |



2. IFB Intent

2.3.10 Ability, past performance, track record and commitment to the research and development of new technologies and products to better meet owners' needs.

Tremco uses the latest in technology to provide our customers with the most-advanced products and services available in the roofing industry today. Tremco's research and development team are committed to reducing asphalt consumption and developing new products utilizing bio-based and recycled materials. Tremco is currently engaged in numerous roof-removal recycling programs, as well as research in bio and nanotechnology products in order to reduce the consumption of asphalt in roofing products. As a forward-looking company, we offer the features outlined below.

- Tremco Underwriters Laboratory (UL)-rated development laboratory which constantly improves our products with a critical view on compliance with code requirements focused on fire ratings
- WTI's International Organization for Standardization (ISO) 9001:2015-certified Quality Management System
- Tremco's ISO 9001:2015-certified Quality Management Systems. These manufacturing systems are under periodic review by UL which functions as our registrar and periodically inspects our manufacturing and services
- The latest American Institute of Architects (AIA) contract-agreement software to provide agreements between WTI and our customers, based on customer requirements and state law
- The latest Masterspec® and CSI software for the provision of standard roofing specifications
- Digitally mechanized construction reports and documents
- OLI® software that provides online access to data on roofing systems. This can be used in conjunction with periodic-roof maintenance to provide regular updating of roof conditions, photographic support, budgets and work management

New Products Demonstrating Tremco's Commitment to Research and Development of New Technologies

- **AlphaGuard SI:** A high solids, low odor, single component, breathable, fluid applied silicone roof coating system used to restore a variety of existing roofing systems including modified ply sheets, smooth surface BUR, EPDM, TPO, TPA, Hypalon, PVC and masonry surfaces.
- **AlphaGuard PUMA:** A high-performance, two-component, two-coat, polyurethane modified methyl methacrylate roof coating used as a liquid flashing membrane for new roofing systems. With an extremely fast cure time of 20-25 minutes and the ability to be applied in freezing temperatures, AlphaGuard PUMA is excellent for providing a durable, waterproof surface under challenging weather conditions and tight new construction schedules.
- **ICE Coating System:** An asbestos-free, high solids, water-based, heavy bodied elastomeric coating formulated with a nanotechnology-engineered blend of acrylic latex polymer. The versatile ICE Coating has multiple uses in restoring roofs from a final surface coat with the ICE System, over smooth asphaltic built-up, modified bitumen and spray polyurethane foam (SPF) roofs to application over prepared and primed single-ply roof membranes. Since ICE Coating is highly reflective, it is listed with the Cool Roof Rating Council, is ENERGY STAR qualified and a roof coated with ICE Coating exceeds the requirements of California's Title 24 Energy Efficiency standards.
- **AlphaGuard BIO Coating System:** A two-component, two-coat, bio-based polyurethane fluid-applied roofing system. This new product provides a solution to numerous roofing needs, including restoring structural concrete, BUR, MB and single ply roofs; installations on vegetated and IRMA roofs; new construction; and even a liquid flashing membrane for new roofs. The high bio content, low odor/VOC (> 6 g/L) and high reflectivity are sustainable benefits that customers want today, while the two-component polyurethane composition offers a fast-curing, high-performance system.

2. IFB Intent

New Products Demonstrating Tremco's Commitment to Research and Development of New Technologies (Continued)

- **RoofTec 1.0 and 2.0:** A leading-edge solution that will dramatically change how quickly and easily roofs can be cleaned, with an unmatched degree of environmentally friendliness. Our RoofTec 1.0 System is much less disruptive and environmentally harmful approach to clean direct off of white "cool roofs" than other cleaning processes and a two-person crew can finish a job in a matter of hours instead of days. The results of this processes are not only a roof that is cleaner than what any other product can offer, but it is a cheaper, extends the lifespan of the roof and assures that customers are utilizing the full capacity of their white "cool roofs". The RoofTec System's include the following features and benefits.
 - Maximizing energy savings by restoring roofs' reflectivity [and their Solar Reflectance Index (SRI) ratings]
 - Extending roof life-cycles by returning them to peak performance
 - Making roof maintenance easier
 - Helping support the protection of your Tremco Roofing warranty
 - The possibility of starting a roofing restoration project the same day that you clean the roof, shortening the project's timeframe

The RoofTec 2.0 system has been engineered and developed to dry out existing wet insulation and roof systems to prevent tear off. This system exceeds other roof drying products such as RoofDry at every turn. We have engineered this dry-out system to take wet insulation and roof systems, dry them out to the point of restoring the integrity of the material. This process prevents tear off of roofing materials which lengthens the life span of the roof and prevents unnecessary pre-mature roof replacements.

- **SkyBEAM™:** A groundbreaking program that uses unmanned aerial vehicles (UAVs) equipped with high-resolution thermographic (infrared) and video cameras to help customers locate where their facilities may be leaking energy through gaps in the roof, façade or elsewhere. The UAVs can also locate wet insulation and find and photograph other potential problems on the building. SkyBEAM's thermographic camera graphically depicts energy inefficiencies by showing temperature variations within the building. These problems that can lead to increased operating costs, occupant discomfort and other issues. Poor or missing sealing around windows or wet insulation both result in energy loss and, if not treated properly, can cause enormous long-term damage if not fixed properly.

WTI is committed to the promotion of new innovation with new ideas in consulting, specification development and the development of software used by customers to track and manage roofing systems. WTI also develops innovations in maintenance and repair plans, budgeting, management of roof assets, inspection and testing procedures.

Our commitment to new technology is evident in the \$9 million top-to-bottom renovation of Tremco's 40-year old headquarters, which transformed the building into a showcase of sustainability. Located on the appropriately named Green Road in Beachwood, OH, we created a truly high-performance, sustainable facility that integrates our rich array of corporate solutions and highlights the use of construction best practices. Our objectives were to improve energy efficiency and conserve water; reduce operational costs; provide a safer, healthier facility and protect the natural environment by reducing our carbon output by lowering the local heat-island effect and recycling/reusing material to keep it from being hauled to a landfill. As a result, we have achieved our goal to become one of the US Green Building Council's (USGBC's) few Leadership in Engineering and Environmental Design (LEED®) Gold certified facilities in OH. A summary of construction best practices and sustainable features implemented for this project and considered for all construction projects are summarized below. The renovation's most noteworthy sustainable features include those shown on the following page.



2. IFB Intent

- Four types of sustainable-roofing systems
 - A vegetated roof featuring local plants. Low-impact lighting and a water-capture system are integrated with the roof and a pathway of recycled materials. Signs describe the roof's features and provide information about the plant palette.
 - The ENERGY STAR® qualified Rock-It™ roof-surfacing system, composed of white gravel set in white adhesive.
 - A white, reflective, single-ply system installed beneath a rooftop PV system.
 - A thin-film rooftop PV system is used to generate electricity for the building. A second PV system on a white-reflective roof is installed on the South building.
- A Dryvit Outsulation Plus® MD exterior wall system featuring Dryvit's TerraNeo™ finish. The system, that provides an energy efficient, insulated façade, was applied directly to the existing facade, eliminating the time and potential waste of removing the façade.
- High-performance, double-pane, tinted windows that exceed minimum energy standards. Tremco sealants and gaskets were used, as was Tremco's Proglaze® Engineered Transition Assembly (ETA) to ensure an airtight transition from window to wall.
- New sidewalks, with decorative concrete from Increte Systems, supported by gravel from one of the building's existing roofs.
- A 1.8kW rated wind turbine installed on the property to help generate electricity.
- Numerous interior upgrades such as Americans with Disabilities Act (ADA)-compliant restrooms, interior-window treatments, elevator modernizations with eco-friendly technology and ADA compliance.
- Mechanical, electrical and plumbing (MEP) upgrades such as:
 - New control system that ensures an accurate and optimal operating schedule of HVAC and lighting as well as improved zone control
 - Modifications to the central air-handling system to enable variable flow, resulting in significant energy savings
 - Replacement of the cooling tower with a variable-speed model that also eliminates the need for water treatment



2. IFB Intent

2.3.11 Offeror's ability to demonstrate a proven track record and past performance relating to their staff's and subcontractors' workmanship, delivery timelines, warranty work, performance over time, customers service history and satisfaction, industry awards and acknowledgements

WTI's and Tremco's track record and past performance is demonstrated by the performance of more than 50 national or state cooperative/Indefinite Delivery Indefinite Quantity (IDIQ)-type contracts including five consecutive contracts for AEPA during the past 19 years. Specifically, we have performed more than 6,310 projects for AEPA members, to date, as summarized by year to the right. We have provided a sampling of directly relevant project performance in each of the 29 AEPA states in response to *Part B – Technical Specification 10. Submittal and Substantiating Documentation, section 10.2.2.1*, as required.

Demonstrated AEPA Experience

- 1st AEPA Contract: More than 500 projects
- 2nd AEPA Contract: More than 1,100 projects
- 3rd AEPA Contract: More than 2,000 projects
- 4th AEPA Contract: More than 1,325 projects
- 5th AEPA Contract: More than 1,385 projects

Total: 6,310 AEPA projects performed

In addition to this impressive performance history, WTI and Tremco has received various awards, certifications and acknowledgements, summarized below, evidencing our ability to provide superior workmanship, delivery timelines, warranty work and customer service.

- 2016 Business of the Year, Audubon Society of Rhode Island
- 2016 SkyBEAM becomes first UAV (aka drone) to receive Federal Aviation Administration (FAA) approval for nighttime operation; conducts first flight in August, becoming first UAV to execute such a flight
- 2016 Quebec Masters Roofers Association Claude Jacques Award of Excellence for projects completed in 2015 (Canada)
- 2015 RPM Innovation Award for AlphaGuard
- 2014 Reader's Choice Award for highest unaided recall, Professional Roofing ad survey
- Repeated sponsor of Green Roofs for Healthy Cities, Cities Alive conference
- 2013 Nature Center at Shaker Lakes Great Blue Heron Award for leadership in corporate sustainability
- ISO 14000 status achieved by Tremco's manufacturing plants
- US Army – Schofield Barracks, HI – Unit Commander's Coin – this is the highest unit citation that can be awarded to a civilian company
- US Army – West Point, NY - Unit Commander's Coin – this is the highest unit citation that can be awarded to a civilian company
- Northern Ohio District Council of Bricklayers and Allied Crafts Certificate of Appreciation for Contributions to the Apprenticeship Contest
- Roof Consultants Institute, 18th Annual Convention, Platinum Sponsor
- Tremco Sealants/Weatherproofing Division Outstanding Exhibition Award
- Business Marketing Association Silver Tower Award in Advertising
- John T. Fosdick Award for Excellence in Advertising: Highest Reader Interest Score
- Construction Specifications Institute 20 Years of Service
- American Architectural Manufacturers Association, Distinguished Membership
- The NC99 Award of Greater Cleveland for one of the 99 Best Places in America to Work
- NRCA member – WTI and Tremco are corporate members of the NRCA and have been for the past 19 years. WTI and Tremco personnel have actively participated in several NRCA webinars and have presented white-paper lectures and additional industry-related information.
- International Roofing Expo (IRE) – WTI and Tremco personnel have actively participated in annual seminars where we have presented white-paper lectures and additional industry-related information.
- The Roofing Industry Alliance for Progress, Regents Membership



2. IFB Intent

- Center for Environmental Information in Roofing (CEIR) – Tremco is a founding member of CEIR, a new organization established by the NRCA dedicated to environmental and energy issues
- Sponsor of Green Roofs and Walls of the World Virtual Summit
- Participation at the USGBC Greenbuild International Conference and Expo
- Receipt of Crain’s Emerald Award Honoree for high-performance building renovation and commitment to sustainability

To further demonstrate our track record and past performance, we have included customer satisfaction surveys for participating AEPA states on the following pages. We have always asked our customers for honest, direct feedback about their satisfaction with our projects. While this feedback is consistently extremely positive, we continually seek ways to improve our service to provide an exceptional customer experience. We now work with the respected Arizona State University Performance Based Studies Research Group on a survey process to gain a deeper, consistent understanding of our customers’ experience during the roofing system selection and installation process. We are especially interested in our customers’ opinion of the roofing system itself, the applicator who installed it, their sales advisor and the overall value they believe that they have received. The results of these surveys continually demonstrate high levels of customer satisfaction and prove our ability to meet AEPA member needs.



2. IFB Intent



Tremco Performance Rating Program

Overall Performance Information

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 99% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.2 |

Detailed Performance Measurements

| | |
|--|-------------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again | 99% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.8 |
| Percent of Customers that Would Hire the Same Applicator (%) | 95% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.4 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.8 |
| Total job Area (SF) Surveyed | 115,489,928 |
| Number of Jobs (Warranties) Surveyed | 5,835 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.

Arizona State University
PO Box 873005
Tempe, Arizona 85287-3005
(480) 965-4273



2. IFB Intent



Tremco Performance Rating Program

Overall Performance Information – States CA, CO, CT, FL, GA, IN, IA, IL, KS, KY, MA, MI, MN, MO, MT, NE, NJ, NM, ND, OH, OR, PA, SC, TX, VA, WA, WV, WI, WY

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again (%) | 97% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |

Detailed Performance Measurements

| | |
|--|------------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.2 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again | 97% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.8 |
| Percent of Customers that Would Hire the Same Applicator (%) | 92% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.5 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.9 |
| Total job Area (SF) Surveyed | 44,684,304 |
| Number of Jobs (Warranties) Surveyed | 1,878 |

Please contact Jeff Sawyer at jeff@simplar.com if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - CA

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again (%) | 99% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.5 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.3 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.5 |
| Percent of Customers that Would Use Tremco Product Again | 99% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.9 |
| Percent of Customers that Would Hire the Same Applicator (%) | 93% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.7 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.9 |
| Total job Area (SF) Surveyed | 7,537,309 |
| Number of Jobs (Warranties) Surveyed | 395 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - CO

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.7 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.7 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.2 |
| Percent of Customers that Would Hire the Same Applicator (%) | 89% |
| Customer Satisfaction of the Tremco Representative (1-10) | 10.0 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.1 |
| Total job Area (SF) Surveyed | 426,323 |
| Number of Jobs (Warranties) Surveyed | 9 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - CT

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.5 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.8 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.5 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.8 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.1 |
| Percent of Customers that Would Hire the Same Applicator (%) | 57% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.4 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.9 |
| Total job Area (SF) Surveyed | 227,200 |
| Number of Jobs (Warranties) Surveyed | 7 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - FL

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again (%) | 97% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.4 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.2 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.4 |
| Percent of Customers that Would Use Tremco Product Again | 97% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.4 |
| Percent of Customers that Would Hire the Same Applicator (%) | 100% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.3 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.8 |
| Total job Area (SF) Surveyed | 282,276 |
| Number of Jobs (Warranties) Surveyed | 31 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - GA

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 10.0 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 10.0 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 10.0 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 10.0 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 10.0 |
| Percent of Customers that Would Hire the Same Applicator (%) | 100% |
| Customer Satisfaction of the Tremco Representative (1-10) | 10.0 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.7 |
| Total job Area (SF) Surveyed | 425,458 |
| Number of Jobs (Warranties) Surveyed | 7 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - IA

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.9 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.8 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.9 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.8 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.7 |
| Percent of Customers that Would Hire the Same Applicator (%) | 100% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.9 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.8 |
| Total job Area (SF) Surveyed | 167,229 |
| Number of Jobs (Warranties) Surveyed | 14 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - IL

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again (%) | 96% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.2 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again | 96% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.9 |
| Percent of Customers that Would Hire the Same Applicator (%) | 94% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.4 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.9 |
| Total job Area (SF) Surveyed | 3,237,760 |
| Number of Jobs (Warranties) Surveyed | 142 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - IN

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again (%) | 88% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.6 |

Detailed Performance Measurements

| | |
|--|------------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.2 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.6 |
| Percent of Customers that Would Use Tremco Product Again | 88% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.1 |
| Percent of Customers that Would Hire the Same Applicator (%) | 91% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.6 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.7 |
| Total job Area (SF) Surveyed | 2,185, 830 |
| Number of Jobs (Warranties) Surveyed | 76 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - KS

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 98% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again | 98% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.1 |
| Percent of Customers that Would Hire the Same Applicator (%) | 95% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.8 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.8 |
| Total job Area (SF) Surveyed | 443,356 |
| Number of Jobs (Warranties) Surveyed | 41 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - KY

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 8.6 |
| Percent of Customers that Would Use Tremco Product Again (%) | 95% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 8.8 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 8.6 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 8.8 |
| Percent of Customers that Would Use Tremco Product Again | 95% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 7.5 |
| Percent of Customers that Would Hire the Same Applicator (%) | 75% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.0 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.2 |
| Total job Area (SF) Surveyed | 1,063,475 |
| Number of Jobs (Warranties) Surveyed | 40 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - MA

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.6 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.3 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.6 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.5 |
| Percent of Customers that Would Hire the Same Applicator (%) | 83% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.5 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.9 |
| Total job Area (SF) Surveyed | 430,242 |
| Number of Jobs (Warranties) Surveyed | 12 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - MI

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.8 |
| Percent of Customers that Would Hire the Same Applicator (%) | 98% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.4 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.8 |
| Total job Area (SF) Surveyed | 2,029,051 |
| Number of Jobs (Warranties) Surveyed | 55 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - MN

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 8.8 |
| Percent of Customers that Would Use Tremco Product Again (%) | 98% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.0 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 8.8 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.0 |
| Percent of Customers that Would Use Tremco Product Again | 98% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.5 |
| Percent of Customers that Would Hire the Same Applicator (%) | 92% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.1 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.5 |
| Total job Area (SF) Surveyed | 1,355,873 |
| Number of Jobs (Warranties) Surveyed | 53 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - MO

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.0 |
| Percent of Customers that Would Use Tremco Product Again (%) | 98% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.1 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.0 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again | 98% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.5 |
| Percent of Customers that Would Hire the Same Applicator (%) | 86% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.2 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.7 |
| Total job Area (SF) Surveyed | 2,682,663 |
| Number of Jobs (Warranties) Surveyed | 132 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - MT

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | N/A |
| Percent of Customers that Would Use Tremco Product Again (%) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |

Detailed Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |
| Percent of Customers that Would Use Tremco Product Again | N/A |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | N/A |
| Percent of Customers that Would Hire the Same Applicator (%) | N/A |
| Customer Satisfaction of the Tremco Representative (1-10) | N/A |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | N/A |
| Total job Area (SF) Surveyed | N/A |
| Number of Jobs (Warranties) Surveyed | N/A |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - ND

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | N/A |
| Percent of Customers that Would Use Tremco Product Again (%) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |

Detailed Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |
| Percent of Customers that Would Use Tremco Product Again | N/A |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | N/A |
| Percent of Customers that Would Hire the Same Applicator (%) | N/A |
| Customer Satisfaction of the Tremco Representative (1-10) | N/A |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | N/A |
| Total job Area (SF) Surveyed | N/A |
| Number of Jobs (Warranties) Surveyed | N/A |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE
UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - NE

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 7.7 |
| Percent of Customers that Would Use Tremco Product Again (%) | 95% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 8.3 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 7.7 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 8.3 |
| Percent of Customers that Would Use Tremco Product Again | 95% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 6.4 |
| Percent of Customers that Would Hire the Same Applicator (%) | 74% |
| Customer Satisfaction of the Tremco Representative (1-10) | 7.9 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.1 |
| Total job Area (SF) Surveyed | 376,147 |
| Number of Jobs (Warranties) Surveyed | 19 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - NJ

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 8.9 |
| Percent of Customers that Would Use Tremco Product Again (%) | 97% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.1 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 8.9 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again | 97% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.4 |
| Percent of Customers that Would Hire the Same Applicator (%) | 84% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.6 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.0 |
| Total job Area (SF) Surveyed | 2,851,094 |
| Number of Jobs (Warranties) Surveyed | 101 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - NM

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.5 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 10.0 |

Detailed Performance Measurements

| | |
|--|--------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.5 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 10.0 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 10.0 |
| Percent of Customers that Would Hire the Same Applicator (%) | 100% |
| Customer Satisfaction of the Tremco Representative (1-10) | 10.0 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.5 |
| Total job Area (SF) Surveyed | 17,538 |
| Number of Jobs (Warranties) Surveyed | 2 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - OH

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.2 |
| Percent of Customers that Would Hire the Same Applicator (%) | 96% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.6 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.8 |
| Total job Area (SF) Surveyed | 2,032,867 |
| Number of Jobs (Warranties) Surveyed | 113 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - OR

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 97% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.2 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again | 97% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.7 |
| Percent of Customers that Would Hire the Same Applicator (%) | 94% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.8 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.9 |
| Total job Area (SF) Surveyed | 707,232 |
| Number of Jobs (Warranties) Surveyed | 34 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - PA

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again (%) | 97% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.4 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.3 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.4 |
| Percent of Customers that Would Use Tremco Product Again | 97% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.1 |
| Percent of Customers that Would Hire the Same Applicator (%) | 96% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.6 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.0 |
| Total job Area (SF) Surveyed | 8,483,456 |
| Number of Jobs (Warranties) Surveyed | 294 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - SC

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.7 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.4 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.7 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.4 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.5 |
| Percent of Customers that Would Hire the Same Applicator (%) | 100% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.8 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.5 |
| Total job Area (SF) Surveyed | 404,783 |
| Number of Jobs (Warranties) Surveyed | 20 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE
UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - TX

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 8.8 |
| Percent of Customers that Would Use Tremco Product Again (%) | 92% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 8.9 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 8.8 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 8.9 |
| Percent of Customers that Would Use Tremco Product Again | 92% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.1 |
| Percent of Customers that Would Hire the Same Applicator (%) | 88% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.4 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 8.3 |
| Total job Area (SF) Surveyed | 1,395,530 |
| Number of Jobs (Warranties) Surveyed | 48 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - VA

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again (%) | 93% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.1 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.3 |
| Percent of Customers that Would Use Tremco Product Again | 93% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.3 |
| Percent of Customers that Would Hire the Same Applicator (%) | 83% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.7 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.1 |
| Total job Area (SF) Surveyed | 1,339,108 |
| Number of Jobs (Warranties) Surveyed | 46 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - WA

Key Performance Measurements

| | |
|--|------|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.4 |
| Percent of Customers that Would Use Tremco Product Again (%) | 100% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.2 |

Detailed Performance Measurements

| | |
|--|-----------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.4 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.2 |
| Percent of Customers that Would Use Tremco Product Again | 100% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 9.4 |
| Percent of Customers that Would Hire the Same Applicator (%) | 100% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.6 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.1 |
| Total job Area (SF) Surveyed | 1,780,781 |
| Number of Jobs (Warranties) Surveyed | 67 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent



Tremco Performance Rating Program
K-12 Overall Performance Information - WI

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | 9.4 |
| Percent of Customers that Would Use Tremco Product Again (%) | 94% |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.1 |

Detailed Performance Measurements

| | |
|--|---------|
| Overall Customer Satisfaction of the Buyer (1-10) | 9.4 |
| Customer Satisfaction of the Tremco Roofing System (1-10) | 9.1 |
| Percent of Customers that Would Use Tremco Product Again | 94% |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | 8.9 |
| Percent of Customers that Would Hire the Same Applicator (%) | 88% |
| Customer Satisfaction of the Tremco Representative (1-10) | 9.3 |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | 9.4 |
| Total job Area (SF) Surveyed | 922,904 |
| Number of Jobs (Warranties) Surveyed | 33 |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - WW

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | N/A |
| Percent of Customers that Would Use Tremco Product Again (%) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |

Detailed Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |
| Percent of Customers that Would Use Tremco Product Again | N/A |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | N/A |
| Percent of Customers that Would Hire the Same Applicator (%) | N/A |
| Customer Satisfaction of the Tremco Representative (1-10) | N/A |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | N/A |
| Total job Area (SF) Surveyed | N/A |
| Number of Jobs (Warranties) Surveyed | N/A |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

ASU ARIZONA STATE UNIVERSITY
Tremco Performance Rating Program
K-12 Overall Performance Information - WY

Key Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10, 10 being highly satisfied) | N/A |
| Percent of Customers that Would Use Tremco Product Again (%) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |

Detailed Performance Measurements

| | |
|--|-----|
| Overall Customer Satisfaction of the Buyer (1-10) | N/A |
| Customer Satisfaction of the Tremco Roofing System (1-10) | N/A |
| Percent of Customers that Would Use Tremco Product Again | N/A |
| Customer Satisfaction of the Applicators Installing the Product (1-10) | N/A |
| Percent of Customers that Would Hire the Same Applicator (%) | N/A |
| Customer Satisfaction of the Tremco Representative (1-10) | N/A |
| Customer Satisfaction of the Value Relative to Project Cost (1-10) | N/A |
| Total job Area (SF) Surveyed | N/A |
| Number of Jobs (Warranties) Surveyed | N/A |

Please contact Jeff Sawyer at Jeff.Sawyer@asu.edu if you have any questions in regards to the performance information.



2. IFB Intent

2.3.13 Offeror's ability to demonstrate its new product development and testing, and the utilization of the latest technology to assess, evaluate, track and allow individual facility owners to establish and maintain adequate record keeping relating to their facility's envelopes and their operational status and conditions.

NEW PRODUCT DEVELOPMENT AND TESTING

As previously addressed, WTI and Tremco is committed to exploring and developing new products using the latest technology to provide our AEPA members with the most-advanced products and services available in the roofing industry today. Our research and development team is developing new products with reduced asphalt content as well as developing new products utilizing bio-based and recycled materials. Tremco is currently engaged in numerous roof-removal recycling programs, as well as the research of bio and nanotechnology products in order to reduce the consumption of asphalt in roofing products. As discussed previously in response to 2.3.10, WTI and Tremco offers the features outlined below.

- Tremco UL-rated development laboratory which constantly improves our products with a critical view on compliance with code requirements focused on fire ratings
- WTI's ISO 9001:2015-certified Quality Management System
- Tremco's ISO 9001:2015-certified Quality Management Systems. These manufacturing systems are under periodic review by UL which functions as our registrar and periodically inspects our manufacturing and services
- The latest AIA contract-agreement software to provide agreements between WTI and our customers, based on customer requirements and state law
- The latest Masterspec® and CSI software for the provision of standard roofing specifications
- Digitally mechanized construction reports and documents
- OLI® software that provides online access to data on roofing systems. This can be used in conjunction with periodic-roof maintenance to provide regular updating of roof conditions, photographic support, budgets and work management

WTI is committed to the promotion of new innovation with new ideas in consulting, specification development and the development of software used by customers to track and manage roofing systems. WTI also develops innovations in maintenance and repair plans, budgeting, management of roof assets, inspection and testing procedures.

UTILIZATION OF THE LATEST TECHNOLOGY TO ASSESS, EVALUATE, TRACK AND ALLOW INDIVIDUAL FACILITY OWNERS TO ESTABLISH AND MAINTAIN ADEQUATE RECORD KEEPING

WTI takes the guesswork out of roof assessment/inspection and analysis by using scientific data and comprehensive reporting that ensures accurate identification and reduced life-cycle costs to AEPA members. As the industry leader in roof diagnostics, our inspections are backed by ISO 9001:2015 quality processes and measurements. For the past 19 years, we have provided detailed roof inspection and reporting using the diagnostic tools outlined below to clients on the AEPA Contract:

- **OLI®:** WTI also offers a web-based tool termed OLI® that allows a customer to view, review and manage roofing assets. This password-accessible tool permits a customer to look at reports, diagrams and drawings, photographs and financial information. Through the internet, AEPA members can log in through a secured network and view all information associated with their building-envelope assets. Among other information, the on-line services provide information regarding inspections, forecasts for budgets and real-time information regarding roof recommendations. This system is designed to assist the AEPA member to manage and maintain roofing assets over a long period of time.
- **Thermocore® Moisture Analysis:** Thermocore® is a full-service infrared roof moisture survey and analysis. Every analysis starts with a visual inspection of the roof surface, including photos of roof details and construction. A sensitive-infrared scanner is used to detect temperature differentials across an entire roof area. The analysis is conducted at night when roof areas over wet insulation show as warmer areas. This quickly identifies areas of wet insulation, which are then marked for further analysis and possible removal.



2. IFB Intent

- **Tremco Roof Analysis Core Evaluation (TRACE®):** As a detailed laboratory roof-core analysis, TRACE® offers building owners a cost-effective means to determine composition construction and condition of any built-up roofing (BUR) system. Using American Society of Testing and Measurement (ASTM) testing methods, our experienced lab technicians perform 14 tests that reveal important facts about roofs. TRACE® tests are performed on every roof that a restoration is performed to ensure long-term productivity of the roofing system. All analyses are done at Tremco's state-of-the-art National Voluntary Laboratory Accreditation Program (NVLAP) accredited research center. NOTE: TRACE® automatically includes an ACT®.
- **Asbestos Core Test (ACT®):** ACT® goes well beyond the common muffle-furnace test with an NVLAP-certified laboratory asbestos analysis. Every Tremco ACT® roof sample is treated using solvent reduction to remove bitumen and clearly expose the multiple roof layers.
- **Cameras for Roof Monitoring:** OxBlue® Cobalt Series cameras will be provided to continuously monitor construction progress. These state-of-the-art, time-lapse cameras capture high-resolution images of the project site, documenting and tracking project progress. The Cobalt Series cameras feature professional-grade 12 megapixel (4000 x 3000) images with unlimited storage at a remote location using wireless connectivity. In addition, they offer image accessibility from any date or time, stored weather data with each image, efficient pan and zoom capabilities for all images and 24/7 availability easily shared from the interface. Cameras will be installed using non-penetrating roof mounts.



2.3.18 Offeror's ability to certify that it carries an adequate level of professional liability insurance to protect itself and AEPA and its member agency.

Where applicable, WTI certifies that it carries adequate levels of professional liability insurance to protect itself and AEPA and its member agencies. As shown in the Certificate of Insurance provided on the following pages, WTI also maintains coverage for general liability, automotive, property damage, umbrella liability and workers compensation insurance. WTI is also able to secure additional amounts, as dictated by customer and project needs.



2. IFB Intent

| | | | | | | | |
|---|--|---------------------------------|-----------------|--|--------------------------------|--------------------------------|---|
| | CERTIFICATE OF LIABILITY INSURANCE | DATE (MM/DD/YYYY) 08/20/2020 | | | | | |
| <p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p> | | | | | | | |
| PRODUCER Marsh USA Inc. 200 Public Square, Suite 3780 Cleveland, OH 44114-1824 | CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: FAX (A/C, No): | | | | | | |
| CN102302710-RPM-Cas-20-21 WEATH 033130 | INSURER(S) AFFORDING COVERAGE | NAIC # | | | | | |
| INSURED Weatherproofing Technologies, Inc. Tremco Incorporated and its subsidiaries 3735 Green Rd. Beachwood, OH 44122 | INSURER A: First Continental Services Co. | 16535 | | | | | |
| | INSURER B: Zurich American Insurance Company | N/A | | | | | |
| | INSURER C: N/A | 40142 | | | | | |
| | INSURER D: American Zurich Insurance Company | | | | | | |
| | INSURER E: | | | | | | |
| | INSURER F: | | | | | | |
| COVERAGES CERTIFICATE NUMBER: CLE-006604755-01 REVISION NUMBER: 2 | | | | | | | |
| <p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p> | | | | | | | |
| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: | | | 1-GLRPM-01/2020 | 04/01/2020 | 04/01/2021 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 \$ |
| B | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> OTHER: | | | BAP925878913 | 04/01/2020 | 04/01/2021 | COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| | <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$ | | | | | | EACH OCCURRENCE \$ AGGREGATE \$ \$ |
| B | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) | | | WC925879013 (MA, WI, PR) | 04/01/2020 | 04/01/2021 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER |
| D | | | | WC925878813 (AOS) | 04/01/2020 | 04/01/2021 | E.L. EACH ACCIDENT \$ 2,000,000 |
| B | | | | EWS596599512 (Excess OH) | 04/01/2020 | 04/01/2021 | E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 |
| | | | | Excess Ohio SIR: \$500,000 | | | E.L. DISEASE - POLICY LIMIT \$ 2,000,000 |
| DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Lakes Country Service Cooperative is/are named as additional insured (except workers compensation) where required by written contract to the extent of losses caused solely and directly by Tremco and/or Weatherproofing Technologies, Inc. employees during the course of authorized general contracting activities. Waiver of Subrogation in favor of the Additional Insured(s) under the General Liability, Auto Liability, and Workers Compensation policies. | | | | | | | |
| CERTIFICATE HOLDER | | | | CANCELLATION | | | |
| Lakes Country Service Cooperative 1001 E. Mt Faith Fergus Falls, MN 56537 | | | | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. | | | |
| | | | | AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Manashi Mukherjee | | | |
| ACORD 25 (2016/03) | | | | The ACORD name and logo are registered marks of ACORD | | | |
| © 1988-2016 ACORD CORPORATION. All rights reserved. | | | | | | | |



2. IFB Intent

AGENCY CUSTOMER ID: CN102302710

LOC #: Cleveland



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

| | | | |
|--------------------------|-----------|--|--|
| AGENCY Marsh USA Inc. | | NAMED INSURED Weatherproofing Technologies, Inc. Tremco Incorporated and its subsidiaries 3735 Green Rd. Beachwood, OH 44122 | |
| POLICY NUMBER | | EFFECTIVE DATE: | |
| CARRIER | NAIC CODE | | |

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

The First Continental Service Co. placement is a direct placement. Marsh Management Services (Vermont) manages the captive insurer indicated here. Marsh USA Inc. has only acted in the role of a consultant to the client with respect to this placement, which is indicated here for your convenience.



6. Special Terms and Conditions

6. SPECIAL TERMS AND CONDITIONS

WTI, a wholly owned subsidiary of Tremco, has responded to select specifications in *Part B – Specifications, Section 6* that were not already addressed elsewhere in the required forms. We believe this approach satisfies and meets the spirit and intent of the IFB.

6.7 If additional and optional products and services are proposed, they must be clearly identified and must include detailed descriptions, and specifications with their associated costs.

The summary below represents the majority of the value-added programs and services offered by WTI, but not defined or addressed in the IFB format. Detailed descriptions and specifications are provided on the following pages. WTI has also added these items to the line item list in *Exhibit C – Warranties, Additional Services* and provided descriptions, specifications and their associated costs, as required.

- Additional and Optional Products and Services Offered Beyond the Line Items in Form F.1
 - AlphaGuard Moisture Triggered Coating System
 - AlphaGuard BIO Coating System
 - AlphaGuard PUMA Coating System
 - AlphaGuard SI 70 Coating System
 - AlphaGuard SI 100 Coating System
 - BURmastic Roofing Systems
 - DECKTITE Coating System
 - GeoGard Coating System
 - Fas-N-Free Insulation Adhesive
 - ICE Coating System
 - Low Rise Foam Insulation Adhesive
 - POWERply Roofing Systems
 - Primers, as required by manufacturer
 - Rock-It Roofing System
 - SolarGuard 6083 Coating System
 - SolarGuard Acrythane Coating System
 - Alumanation 301 Roof Coating System
 - TPO (Thermoplastic) Roofing System
 - Tremco #1 White Marble Roofing Aggregate (To meet Title 24)



6. Special Terms and Conditions

**FORM F.1: VALUE ADDED OPTIONS
PART B – SPECIFICATIONS**

415 Value Add - Roofing Specifications

416 Route Existing Cracks in Concrete or Masonry

416.1 Remove defective concrete, honeycombs, cavities, joint cracks, voids and other defects by routing to sound material.

417 Prepare Concrete by Shot Blasting.

417.1 Clean masonry surface and roughen smooth surfaces by mechanical abrasion.

417.2 Remove surface laitance and abrade surface in accordance with coating manufacturer's specifications.

418 Vertical Application of Water Dispersed VOC Compliant Silane Sealer

418.1 Prepare the wall surface to ensure all dust and debris are removed prior to sealer application. Follow Manufactures requirements

418.2 Fill cracks with polyurethane sealant and tool neatly to ensure 100% adhesion takes place. Allow sealant time to cure prior to coating application.

418.3 Apply sealer from bottom to the top in one application until saturation occurs. The solution shall be uniformly sprayed to saturate/ flood the surface. Coverage rates will vary for different substrates.

418.4 Spray apply sealer to concrete surface with metered spray equipment and back pack provided by manufacturer. Follow manufacturer's detailed application requirements and coverage rates.

418.5 Water test the treated surface after sealer has dried to assure proper application. Allow for at least 24 hours after completing application before water test.

419 Horizontal Application of Water Dispersed VOC Compliant Silane Sealer

419.1 Prepare the wall surface to ensure all dust and debris are removed prior to sealer application. Follow Manufactures requirements

419.2 Fill cracks with polyurethane sealant and tool neatly to ensure 100% adhesion takes place. Allow sealant time to cure prior to coating application.

419.3 Apply sealer in one application until saturation occurs. The solution shall be uniformly sprayed to saturate/ flood the surface. Broom out all puddle areas. Coverage rates will vary for different substrates.

419.4 Spray apply sealer to concrete surface with metered spray equipment and back pack provided by manufacturer. Follow manufacturer's detailed application requirements and coverage rates.

419.5 Spot water test the treated surface after sealer has dried to assure proper application. Allow for at least 24 hours after completing application before water test. The number of required water tests to be determined at the pre-job walk.

420 Roof Cleaning System

420.1 Pretreat membrane and flashings when recommended by cleaning equipment manufacturer based upon site assessment of membrane condition.

420.2 Heat water to 120 degrees and infuse with detergent free cleaning solution utilizing rotating wash head equipment operated at not less than 2,000 psi. and 2,500 RPM.

420.3 Apply heated cleaning solution onto membrane and flashing surfaces.

420.4 Power wash membrane and flashings using equipment and methods recommended in writing by cleaning equipment manufacturer for specific application.

6. Special Terms and Conditions

- 420.5 Collect cleaning water, associated cleaning compounds, any residual material and process to meet US EPA and local environmental requirements for legal discharge
- 421 Roof deck insulation, fiberboard in 4ft x 4ft sheets, 1/2" thick, R-1.39**
- 422 Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.**
- 422.1 Refer to manufacturer's Product Data sheet for detailed material and application requirements.
- 423 Installation of New Polyisocyanurate insulation.**
- 423.1 Install 4ft by 4ft or 4ft by 8ft tapered or flat polyisocyanurate roof insulation over roof decking. Insulation thickness, size and slope as required by project Scope of Work and installed on a per board foot cost.
- 423.2 Isocyanurate, HH-I-1972/GEN and HH-I-1972/2 Fire Approval, Class I and/or labeled with UL/FM labels.
- 423.3 Provide factory-tapered insulation boards fabricated to slope of 1/8-inch rise per 12 inch run, 1/4-inch rise per 12 inch run or 1/2-inch rise per 12 inch run.
- 423.4 Install insulation with long joints of insulation in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards.
- 423.5 Stagger insulation board joints a minimum of 12 inches in both directions from joints of the previous insulation layer.
- 423.6 Insulation must meet UL and FM requirements and must not have over 1/4" joints between boards.
- 423.7 Joints must be staggered a minimum of 12".
- 423.8 Workmanship must be superior and comply with NRCA, FM, UL and roofing material manufacturer's guidelines and specifications.
- 423.9 Measurement will be calculated in board feet.
- 424 Mechanically Attached Insulation.**
- 424.1 Install and secure insulation to deck using mechanical fasteners specifically designed and sized for fastening specified roof insulation board to deck type. Insulation fastener density to meet FM 1-90 insulation attachment standards and roofing manufacturer's requirements.
- 424.2 Fasteners with 3" galvanized metal plates.
- 424.3 Provide equipment, materials, tools and experienced labor to install rigid roof insulation. Attach the insulation to the substrate with approved fastening methods.
- 424.4 Mechanically attached: mechanically join single layer insulation to deck with approved fastener minimum of one (1) every 2 square feet. Install additional fasteners to ensure insulation is firmly affixed, especially at parapets and at perimeters, as required per FM I-90 insulation attachment standards (depending on deck location and height).
- 424.5 Fasteners are to be flush with top surface of insulation.
- 424.6 Filler insulation requires two (2) fasteners per piece.
- 424.7 Form continuous insulation joints over deck flange. Do not cantilever insulation edges over deck ribs, minimum bearing surface 1 1/2" and doesn't exceed 35 psi in accordance with ASTM C 165. Attachment and flute span will be in accordance with insulation board manufacturer's specifications and comply with UL, Class A and FM I-90 attachment standards.
- 424.8 Install fasteners perpendicular to deck.
- 424.9 Drive mechanical fasteners flush to top surface.
- 424.10 Install additional fasteners to ensure insulation is firm under foot.
- 424.11 Round up to the next whole number of fasteners when necessary.

6. Special Terms and Conditions

425 Hot Adhered Insulation.

- 425.1 Adhere insulation to substrate using continuous mopping of hot asphalt at an approximate rate of 30 lbs. per 100 square feet at EVT. Hot asphalt adhesive shall meet or exceed ASTM D 312-95a performance requirements.
- 425.2 Asphalt type to be determined by project requirements. Installation to meet FM 1-90 insulation attachment standards and roofing manufacturer's requirements.
- 425.3 Immediately after placement, walk insulation boards into adhesive to achieve solid contact.

426 Cold Adhered Insulation.

- 426.1 Adhere insulation to substrate using solvent free urethane insulation adhesive. Install insulation using one-part asphaltic urethane adhesive or two-part low rise foam elastomeric urethane adhesive.
- 426.2 Cold insulation adhesive is for places where the deck is exposed on underside or where hot adhesive or mechanical attachment is not desirable.
- 426.3 Clean and prime substrate as required. When needed prime surface to receive adhesive with manufacturer's recommended asphalt-based primer. Allow primer to dry.
- 426.4 Install base sheet or insulation per manufacturer's printed directions, as needed.
- 426.5 Adhesives for polyisocyanurate insulating boards.
- 426.6 Asphaltic Urethane Adhesive: Nominal 100% solid, moisture curing, one-part asphaltic urethane adhesive for use in adhering insulation. Shall pass the Cold Brittleness of ASTM D 816- 92 at -60 degrees Fahrenheit.
- 426.7 Asphaltic Urethane Adhesive Application: Apply adhesive at manufacture's rate for application of adhesive, with each bead measuring 1/2 to 3/4 inch in diameter. Increase coverage rate of adhesive in perimeter and corner areas as required per specifications.
- 426.8 Low Rise Foam Adhesive: Two component (1:1 ratio), solvent free, elastomeric urethane adhesive. Asbestos free, extremely low in odor, and does not contain any bitumen or VOC's. Shall pass the Flexibility test of ASTM D 816 at 70 degrees Fahrenheit.
- 426.9 Low Rise Foam Adhesive Application: Apply adhesive in accordance with specifications and details by manufacturer. Apply insulation adhesive using a manufacturer's approved battery powered applicator or low pressure adhesive pump designed to dispense two component 1:1 ratio low viscosity adhesives.
- 426.10 Adhesive Application using Low Pressure Pump System
- 426.11 Apply 1/2 to 3/4 inch wide adhesive beads to the substrate or insulation board in straight ribbons spaced a maximum of 12 inches on center (spacing may need to be decreased depending on wind uplift requirements). **Do not apply** adhesive ribbons in serpentine pattern.
- 426.12 Once adhesive begins to rise install insulation boards. Do not allow adhesive to skin over before placing the boards.
- 426.13 Walk on boards to fully press them into the wet adhesive. Adhesive will lock boards down in approximately 5 to 7 minutes.
- 426.14 Adhesive Application using Battery Powered Single Bead Applicator
- 426.15 Install the cartridge into the battery powered or pneumatic single bead applicator. Refer to applicator data sheet for complete operating instructions.
- 426.16 Apply 1/4"-1/2" wide adhesive beads to the substrate or insulation board in straight ribbons spaced a maximum of 12 inches on center (spacing may need to be decreased depending on wind uplift requirements). Do not apply adhesive ribbons in serpentine pattern.
- 426.17 Install insulation boards immediately into the wet adhesive. Do not allow adhesive beads to skin over before placing the boards.
- 426.18 Walk on boards to fully press them into the wet adhesive. Adhesive will lock boards down in approximately 5 to 7 minutes.

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426.19 Decrease field-of-the-roof adhesive spacing between ribbons (rows) in perimeters and corners as defined in FM Loss Prevention Data Sheet 1-29.

426.20 Refer to manufacturer's Product Data sheet for detailed material and application requirements.

427 Ridge Vents

427.1 Install new continuous concealed rigid plastic ridge vents with asphalt shingle caps.

427.2 Install venting along ridges and/or hips to prevent entrapment of moisture-laden air behind roof sheathing and prevent mold growth and ice dams.

427.3 Install only one type of exhaust vent, remove or plug any existing vents (gable vents, roof louvers, wind turbines and power fans).

427.4 When specified, install adequate intake ventilation for a balanced system (50% Exhaust & 50% Intake) in accordance with state and local code requirements. Intake vents must be installed low at the roof's edge for optimum performance.

427.5 Cut (opening) in roof decking (Per the manufacturers requirements) along ridge or hip (plumb cut, if possible). Adjust depth of blade to avoid cutting rafters or trusses. See manufacturer's instructions for cutting slot and slot dimensions. Remove debris from slot.

427.6 When using architectural shingles, seal the gap between the vent and shingles making sure not to plug drain holes. Caulk is not needed with 3-tab shingles.

427.7 Make sure the filter, if supplied is centered in the ridge vent and make sure it is secured between shingles and vent prior to cap nailing, leaving no gaps.

427.8 When installing the ridge vent in cold weather, leave a 1/8" gap between ridge vent ends to allow for expansion in hot weather or as recommended by manufacturer.

427.9 Run the ridge vent from end to end on the roof.

427.10 Carefully place the ridge vent prior to cap shingle nailing with the preformed nail holes provided in the vent.

427.11 Pre-fasten first section using roofing nails through preformed nail bosses. Continue to pre-fasten remaining sections, making sure support ribs are flat on the roof and filter is secure between shingles and vent.

427.12 Over-nailing will cause the vent to buckle. Under-nailing could allow the nails to back out of the deck.

427.13 All nails must penetrate the underside of the roof deck. Verify adequate nail length prior to installation.

428 Synthetic Underlayment

428.1 Install high-strength, woven fabric based, water resistant roof underlayment sheet for use in steep slope roof covering systems.

428.2 Underlayment sheet shall comply with ASTM D6757, and manufactured to meet performance requirements of ASTM D226, ASTM D4869 and Classified by UL to be a suitable underlayment for use in any UL Class A fire-rated shingle system.

428.3 Install synthetic underlayment felts over roof decking prior to shingle application.

428.4 Install membrane directly to clean roof deck surface per manufacturer's instruction.

428.4.1 Cover roof deck with underlayment felt installed without wrinkles. Use only enough nails to hold underlayment in place until covered by shingles.

428.4.2 Starting at low point install perpendicular to slope overlapping each succeeding course 2 inches minimum and side laps 4 inches minimum. Along eaves apply underlayment on top of metal drip edge. Along rake edges install underlayment under metal drip edge.

428.4.3 Overlap starter strips 20 inches with first ply, and then overlap each succeeding ply 19 inches. Place ply sheets to ensure water will flow over or parallel to, but never against exposed edges.

428.4.4 Use 18 and 36-inch wide plies to start and finish roof membrane along roof edges and terminations.

428.4.5 Run felt over valley ice and water protection membrane at least 18 inches each way. Overlap ice and water protection membrane 12 inches at eaves.



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- 428.4.6 Attach felt courses using minimum 1 inch galvanized roofing nails or cap nails per specifications.
- 428.4.7 Turn felt up vertical surfaces a minimum 4 inches. Overlap onto curb and penetration ice and water guard membrane.
- 428.5 Install one (1) layer of roofing underlayment felt over roof decking on slopes with 4-inch rise in 12-inch run or greater.
- 428.5.1 Install membrane directly to clean roof deck surface per manufacturer's instruction and as specified.
- 428.5.2 Cover roof deck with underlayment felt installed without wrinkles. Use only enough nails to hold underlayment in place until covered by shingles.
- 428.5.3 Starting at low point install perpendicular to slope overlapping each succeeding course 2 inches minimum and side laps 4 inches minimum. Along eaves apply underlayment on top of metal drip edge. Along rake edges install underlayment under metal drip edge.
- 428.5.4 Run felt over valley ice and water protection membrane at least 18 inches each way. Overlap ice and water protection membrane 12 inches at eaves.
- 428.5.5 Attach felt courses using minimum 1 inch galvanized roofing nails or cap nails per specifications.
- 428.5.6 Turn felt up vertical surfaces a minimum 4 inches. Overlap onto curb and penetration ice and water guard membrane.

- 429 Shingles, Fiberglass, Class A, 40-Year, Premium Laminated Multilayered Shingles, Slopes 3:12 or Greater**
- 429.1 Fiberglass singles shall meet or exceed ASTM D 3018, Type I, carry UL, Class A and wind uplift labels, have hip and ridge factory pre-cut (where applicable). Nails are to be hot galvanized, 11 or 12 gauge, barb shank, 3/8" heads, sharp pointed and of sufficient length to penetrate at least 3/4" into decking. Use six nails per single; staples are not permitted.
- 429.2 Customer picks color.
- 429.3 Bituminous plastic cement shall meet or exceed Federal Specifications SS-C-153C, Type I, Class A, and shall be asbestos free.
- 429.4 On slopes of 4:12 or greater, underlayment shall be as recommended by shingle manufacturer, and carry UL labels.
- 429.5 Inspect deck after old roof removal and repair any minor defects.
- 429.6 Install base felts and valley felts.
- 429.7 Install shingles per manufacturer's specifications.
- 429.8 On slopes 3:12 but less than 4:12, follow the installation guidelines from the shingle manufacturer. Should a double layer of underlayment be required prior to application of shingles. [Unit price includes one layer of underlayment. If a second layer is required, it will be treated as a separate line item. A single layer of a coated organic base sheet may be installed in lieu of 15-lb. felt, when required.]
- 429.9 In high snow areas, use two each 30 lb. asphalt felts in lieu of 15 lb. felts or manufacturer's approved synthetic underlayment.
- 429.10 Eave metal shall be 2" x 2", 26 gauge galvanized, unpainted.
- 429.11 In high wind areas, use 3" x 2" 24 gauge galvanized, unpainted eave metal.
- 429.12 In ice and snow country, install ice and water shield upslope to a point two feet beyond inside wall line at eaves, or as required by local code if it is more stringent.
- 429.13 Warranty is to be prorated, labor and materials, for the length of the warranty period.

- 430 Shingles, Fiberglass, Class A, 50-Year, Premium Laminated Multilayered Shingles, Slopes 3:12 or Greater**
- 430.1 Fiberglass singles shall meet or exceed ASTM D 3018, Type I, carry UL, Class A and wind uplift labels, have hip and ridge factory pre-cut (where applicable). Nails are to be hot galvanized, 11 or 12 gauge, barb shank, 3/8" heads, sharp pointed and of sufficient length to penetrate at least 3/4" into decking. Use six nails per single; staples are not permitted.



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- 430.2 Customer picks color.
- 430.3 Bituminous plastic cement shall meet or exceed Federal Specifications SS-C-153C, Type I, Class A, and shall be asbestos free.
- 430.4 On slopes of 4:12 or greater, underlayment shall be as recommended by shingle manufacturer, and carry UL labels.
- 430.5 Inspect deck after old roof removal and repair any minor defects.
- 430.6 Install base felts and valley felts.
- 430.7 Install shingles per manufacturer's specifications.
- 430.8 On slopes 3:12 but less than 4:12, follow the installation guidelines from the shingle manufacturer. Should a double layer of underlayment be required prior to application of shingles. [Unit price includes one layer of underlayment. If a second layer is required, it will be treated as a separate line item. A single layer of a coated organic base sheet may be installed in lieu of 15-lb. felt, when required.]
- 430.9 In high snow areas, use two each 30 lb. asphalt felts in lieu of 15 lb. felts or manufacturer's approved synthetic underlayment.
- 430.10 Eave metal shall be 2" x 2", 26 gauge galvanized, unpainted.
- 430.11 In high wind areas, use 3" x 2" 24 gauge galvanized, unpainted eave metal.
- 430.12 In ice and snow country, install ice and water shield upslope to a point two feet beyond inside wall line at eaves, or as required by local code if it is more stringent.
- 430.13 Warranty is to be prorated, labor and materials, for the length of the warranty period.
- 431 Install Layer of 30 lb. Felt**
- 431.1 Follow Felt Manufacture written specifications for installation. Felt shall be applied to a properly prepared dry deck that is smooth, clean, and free from any depressions, projections, or protruding nails. Roof decks shall be structurally sound and meet, or exceed, minimum requirements of the deck manufacturer and local codes.
- 431.2 Nails are to be hot dipped galvanized 11 or 12-gauge barb shank with 3/8" heads, sharp pointed and long enough to penetrate and grasp 3/4" or 1". Capped Simplex or Maze nails or approved equals may be used.
- 431.3 Always lay the 30lb felt parallel to the eaves, lapping each course at least 2" over the underlying course. Apply the drip edge underneath and along the eaves and over the rakes.
- 431.4 Never applied perpendicular to the eaves. Secure the 30 lb felt with cap fasteners every 12" across the lower and upper edge to hold it in place. If more than one piece is required to continue a course, lap the ends at least 4". End laps in succeeding courses should be located at least 6ft from end laps in the preceding course. Lap the 30lb felt a minimum of 6" from both sides over all hips, ridges and valleys.
- 431.5 Where a roof meets a vertical surface, carry the underlayment at least 4" up the vertical surface. On decks having a slope greater than 4" per foot, one layer of 30lb felt should be applied. Some local codes may require specific underlayment's on slopes 2" to 4" per foot. Apply a double layer of 30lb felt over the entire deck surface. Starting with a 19" wide strip at eaves, overhanging the eaves 1/4" to 3/8", cover with full 36" strips providing a 17" exposure. Continue with 36" strips lapping each course 19" over the preceding course. End laps for low slopes shall be 12" and staggered 6ft apart.
- 431.6 Always and observe safe roofing practices according to OSHA and local building code requirements. Always use caution when walking on sloped roof decks and underlayment. Do not walk on unsecured or any other loose roofing material lying on sloped roof decks. Dust, dew, water, or debris creates unsafe conditions on the roof. The presence of any foreign matter may drastically change the coefficient of friction (traction) on the 30lb felt and any other material on a sloped roof deck. Failure to always use proper safety equipment and footwear can result in serious injury or even death.

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432 TPO 60 mil System Installation

- 432.1 60 mil white elastomeric single ply sheeting comprised of an elastomeric thermoplastic polyolefin and reinforced with a high strength, wick resistant polyester fabric. TPO Roof Membrane is asbestos free and exceeds the performance requirements of ASTM D 6754-02.
- 432.2 Install thermoplastic roofing membrane system according to roofing system manufacturer's written instructions and applicable recommendations of ARMA/NRCA's "Quality Control Guidelines for the Application of Thermoplastic Roofing"
- 432.3 Heat weld seams according to manufacturer's specifications.
- 432.4 Provide mechanical attachment of roof membrane at roof perimeter, walls, expansion joints, and all other projections. Follow recommendations of Factory Mutual Loss Prevention Data Sheets 1-28, 1-29, and 1-49.

433 Bonding Adhesive.

- 433.1 The membrane shall be fully adhered to properly installed and prepared substrate surface. The surface shall be clean, dry, smooth, and free from contamination.
- 433.2 Install membrane using approved Bonding Adhesive and applied.
- 433.3 Apply adhesive at the manufacturer published application guidelines. The coverage rate will vary depending on the porosity of the substrate surface.
- 433.4 Bonding adhesive shall not be applied to lap (seam) areas that are to be welded to flashings or adjacent membrane sheets by means of hot air welding procedures. If contamination occurs, remove any contaminates prior to hot air welding seams.
- 433.5 Roll the membrane, using a 75# membrane roller or equivalent, into the adhesive to remove wrinkles and assure positive contact with the substrate.

434 Mechanically Attached

- 434.1 The single membrane shall be mechanically attached to properly installed and prepared substrate surface. The surface shall be clean, dry, smooth, and free from contamination.
- 434.2 Unroll the membrane and allow relaxing as long as possible (Minimum 1/2 - 1 hour).
- 434.3 Position roll of sheeting in a manner, which provides sufficient material to facilitate flashing. The roofing membrane shall be unrolled and positioned square with to the roof edge. Laps shall be shingled with, or run parallel to, the slope of the roof. Overlap side laps minimum 4-1/2 inches and end laps minimum three (3) inches. Install succeeding rolls in same manner. Avoid wrinkles. Reposition sheet when necessary. Do not stretch material unevenly.
- 434.4 Mechanically attach single ply perimeter and field sheets along edge of underlying ply lap. Fasten membrane through insulation and in to roof deck with specified heavy duty fasteners and specified barbed membrane plates spaced a minimum of 12 inches on center down the entire lap with plate centered 1-1/8" from sheet edge. Mechanical fasteners shall be installed in true and straight rows and columns.
- 434.5 In-Seam Attachment: Secure one edge of roofing membrane using fastening plates centered within membrane seam and mechanically fasten roofing membrane to roof deck.
- 434.6 Through-Membrane Attachment: Secure roofing membrane using fastening plates and mechanically fasten roofing membrane to roof deck. Cover fasteners with a continuous cover strip.
- 434.7 Seal all seams with automatic or hand welder.
- 434.8 Install perimeter sheets.
- 434.9 Unroll the membrane and allow to relax as long as possible. (Minimum 1/2 - 1 hour)
- 434.10 Begin membrane installation at low point of deck. Allow sheet to overhang roof edge a minimum of 1-1/2 inches below lower edge of wood nailer.
- 434.11 Install a minimum of two (2) perimeter sheets. Mechanically attach sheets a minimum of 12 inches on center down entire lap and around penetrations and roof projections. for actual perimeter half sheet requirements. Determine the perimeter width as described in Section 2.2 of Factory Mutual Loss Prevention Data Sheet 1-28.



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- 434.12 Install the required number of half-width perimeter rolls along the roof edges both parallel and perpendicular to the roll direction in the field of the roof. Overlap perimeter sheets in the corner areas with perimeter fastener rows installed through both membranes in both directions. Install minimum 6 inch wide reinforced cover strip centered over the fastener rows. Heat weld cover strip to field membrane.
- 434.13 Install succeeding field sheet rolls.
- 434.14 Unroll the membrane and allow to relax as long as possible. (Minimum 1/2 - 1 hour)
- 434.15 Position field sheets square with to the roof edge. Overlap upper edge of perimeter sheets 4-1/2 inches.
- 434.16 Cut membrane to fit neatly around all penetrations and roof projections.
- 434.17 Mechanically attach sheets 12 inches on center down entire lap and around penetrations and roof projections.
- 434.18 Perimeter/Projection Attachment
- 434.19 Mechanically attach roofing membrane at roof perimeters, curbs, and pipe/stack penetrations greater than 12" in diameter, on both sides of expansion joints and other areas where the membrane must be anchored to prevent movement, stress or damage to the roofing membrane.
- 434.20 Provide mechanical attachment at deck angle changes in excess of 2"/12" (including drain sump areas).
- 434.21 Membrane Seaming
- 434.22 Clean seam areas, overlap roofing membrane, and hot-air weld side and end laps of roofing membrane according to manufacturer's written instructions to ensure a watertight seam installation.
- 434.23 Using an approved automatic heat welding machine or hand held heat gun and steel roller, continuously weld a minimum 1 1/2" wide seam. Minimum width of welded lap shall be 1-1/2 inch when using an automatic welder. Hand welds shall be a minimum of 2-inches wide. Only approved Automatic Walker Welders shall be used to weld seams.
- 434.24 Field test heat welded seams to assure proper construction. Perform field test after lap area cools to ambient temperatures. Properly constructed laps will not separate at the lap interface when tested.
- 434.25 If probing T-joint areas reveal the presence of voids or cold welds on membrane, install a 4" round field cut of flashing membrane (unreinforced) to the formed T-joint.
- 434.26 Repair tears, voids, and lapped seams in roofing membrane.
- 435 Wet Vacuum Loose Aggregate from Roof Membrane**
- 435.1 Remove existing loose aggregate from roof surface by wet vacuuming to accommodate the new roof system application. Remove loose aggregate from jobsite.
- 435.2 Clean roof areas of loose aggregate, dirt and dust by wet vacuuming. Re-vacuum as needed. Embedded aggregate may remain.
- 435.3 When applicable, take precautions as needed to ensure existing moisture survey scan paint lines outlining wet roof areas are transferred to the cleaned roof surface.
- 435.4 Provide and install adequate temporary support of all electric and gas supply lines during work.
- 435.5 Take precautions needed to prevent damage or breakage of lines/piping while lifting or moving them.
- 435.6 Take precautions as needed to prevent debris from entering the roof drainage system.
- 436 Sweep loose aggregate, debris from Substrate**
- 436.1 Sweep substrate to remove all existing loose aggregate and debris. Remove loose aggregate and debris from Job Site



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437 Prime Substrate

- 437.1 Prime prepared surfaces using manufacturer's approved primer according to manufacturer's specifications.
- 437.2 Clean substrate of dust, debris, and other substances detrimental to coating installation according to the coating system manufacturer's written instructions.
- 437.3 Once cleaning and preparation work is complete, apply primer to the surface at rate specified by coating manufacturer. Re-prime areas that become wet.

438 Flashing Membrane, Base Ply and 1 Ply Modified Bitumen Fire Rated

- 438.1 Install UL 790, Class A flashing membrane system consisting of one base ply sheet and a fire rated modified bitumen flashing cap ply sheet. Install flashing system in manufacturer's approved adhesive and using specified application methods.
- 438.2 Flashing cap ply sheet shall consist of a granule surfaced weathering membrane with fire resistant characteristics. Consisting of specially selected bitumens, modified with compatible SBS elastomers and is surfaced with an embedded layer of factory applied granules. Install cap sheet in hot asphalt or cold adhesive as specified.
- 438.3 Ensure complete and continuous seal and contact between adhesive and felts, without wrinkles, fish mouths or blisters.
- 438.4 Replace all sheets that are not fully bonded by ply adhesive.

439 Disaster Response Repairs

- 439.1 Perform emergency temporary or permanent remedial repairs to resolve reported emergency conditions/discrepancies and bring roof back to a watertight condition.

440 Built Up Roof Surface w/ Cold Process White Highly Reflective Adhesive and White Marble Gravel.

- 440.1 Install a highly reflective white marble roof surfacing system over an installed UL 790, Class A built-up or modified bitumen roofing system.
- 440.2 The white roofing aggregate surfacing system is Highly Reflective.
- 440.2.1 Roof surfacing system as Recommended Gravel Tremco/A-1 Grit Snow White Marble Roofing Aggregate • Tremco #1 White Marble or approved Roofing Aggregate by manufacturer, adhered in highly reflective, asbestos-free, polymeric low volatile surfacing adhesive.
- 440.3 Prior to application of surface treatment system, inspect roof with project superintendent.
- 440.4 Prepare roof surface for surfacing application.
- 440.4.1 Cold process roof system and fresh applications of mastic require a minimum 30-day cure period prior to surfacing application.
- 440.4.2 Remove dirt, dust and loose debris from roof. Roof surface to be coated shall be clean, sound and dry.
- 440.5 Apply Surfacing.
- 440.5.1 Fully mix the adhesive prior to application. Review the product data or label information for proper mixing instructions. Adhesive must be heated during spray application by using an oil jacketed heat exchange unit. The recommended output material temperature range is 95 degrees Fahrenheit to 115 degrees Fahrenheit.
- 440.5.2 Over entire roof surface, spray-apply uniform and continuous flood coat of Rock-It Aggregate Surfacing Adhesive at a minimum rate of 5-gallons per 100 square feet.
- 440.5.3 Immediately broadcast minimum 200 lbs. per 100 square feet of new, clean white marble roofing aggregate.

441 Two Component, High Performance, One Part Moisture Triggered, Polyurethane Coating System with Fiberglass or Polyester Reinforcement

- 441.1 Prior to application the surface must be clean, dry, solid, and free of dirt, grease, oil, algae, and other debris. If the bio-based coating is being used over an existing roof system, all appropriate



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- repairs should be made before applying the bio-based system. Allow suggested cure time of repairs before applying the bio-based coating to the roof surface.
- 441.2 Prime coating substrates using approved primer as recommended by manufacturer for application.
- 441.3 Coverage Rate: Base coating shall be applied to roof and flashing surfaces at a rate of 3-4 gallons per 100 sq. ft. to achieve 48 - 64 mils wet film thickness or as recommended by manufacturer for application.
- 441.4 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials. Mix Part A for 1 minute before adding Part B. After adding Part B mix the combined materials for a minimum of 2 minutes moving the mix blade from top to bottom. Review manufacturer written specifications for complete application requirements.
- 441.5 The base coat requires full reinforcement with fiberglass mat or polyester mat. Fully embed reinforcement into wet coating using a brush or roller until free of voids, wrinkles, air pockets, standing fibers, etc.
- 441.6 Top Coat is a one part moisture triggered, polyurethane coating, polyurethane roof coating.
- 441.7 The previously applied bio-based base coat must be clean, dry, solid, and free of dirt, grease, oil, algae, and other debris. The base coat should be top-coated within 72 hours of base coat application.
- 441.8 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials. Mix Part A for 1 minute before adding Part B. After adding Part B mix the combined materials for a minimum of 2 minutes moving the mix blade from top to bottom. Review manufacturer written specifications for complete application requirements.
- 442 Two-Part, Bio-Based, Polyurethane Roof Coating System**
- 442.1 Prior to application the surface must be clean, dry, solid, and free of dirt, grease, oil, algae, and other debris. If the bio-based coating is being used over an existing roof system, all appropriate repairs should be made before applying the bio-based system. Allow suggested cure time of repairs before applying the bio-based coating to the roof surface.
- 442.2 Prime coating substrates using approved primer as recommended by manufacturer for application.
- 442.3 Coverage Rate: Base coating shall be applied to roof and flashing surfaces at a rate of 3-4 gallons per 100 sq. ft. to achieve a 48 - 64 mils wet film thickness or as recommended by manufacturer for application.
- 442.4 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials. Mix Part A for 1 minute before adding Part B. After adding Part B mix the combined materials for a minimum of 2 minutes moving the mix blade from top to bottom. Review manufacturer written specifications for complete application requirements.
- 442.5 The bio-based base coat requires full reinforcement with fiberglass mat or polyester mat. Fully embed reinforcement into wet coating using a brush or roller until free of voids, wrinkles, air pockets, standing fibers, etc.
- 442.6 The Top Coat is a two-part, bio-based, polyurethane roof coating.
- 442.7 The previously applied bio-based base coat must be clean, dry, solid, and free of dirt, grease, oil, algae, and other debris. The bio-based base coat should be top-coated within 72 hours of base coat application.
- 442.8 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials. Mix Part A for 1 minute before adding Part B. After adding Part B mix the combined materials for a minimum of 2 minutes moving the mix blade from top to bottom. Review manufacturer written specifications for complete application requirements.

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443 Two part, Bio-Based, Polyurethane Roof Coating System, Non-Reinforced

- 443.1 Prepare the substrate before applying the bio-based coating to the roof surface.
- 443.2 Prime coating substrates using approved primer as recommended by manufacturer for application.
- 443.3 Prior to base coat application, install polyester reinforcement at membrane seams, drains, projections and as required by coating manufacturer. Fully embed reinforcement into a layer of base coating using a brush or roller until free of voids, wrinkles, air pockets, standing fibers, etc. Install according to manufacturer's specifications.
- 443.4 Coverage Rate: Base coating shall be applied to roof and flashing surfaces at a rate of 2-3 gallons per 100 sq. ft. to achieve a 32 - 48 mils wet film thickness or as recommended by manufacturer for application.
- 443.5 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials. Mix Part A for 1 minute before adding Part B. After adding Part B mix the combined materials for a minimum of 2 minutes moving the mix blade from top to bottom. Review manufacturer written specifications for complete application requirements.
- 443.6 The Top Coat is a two-part, bio-based, polyurethane roof coating.
- 443.7 The previously applied bio-based base coat must be clean, dry, solid, and free of dirt, grease, oil, algae, and other debris. The bio-based base coat should be top-coated within 72 hours of base coat application.
- 443.8 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials. Mix Part A for 1 minute before adding Part B. After adding Part B mix the combined materials for a minimum of 2 minutes moving the mix blade from top to bottom. Review manufacturer written specifications for complete application requirements.

444 Two-part, UV Resistant, Polyurethane Modified Methyl Methacrylate Coating System

- 444.1 Install polyurethane modified methyl methacrylate base coating with reinforcement followed by top coating. Install according to manufacturer's specifications.
- 444.2 Repairs: If polyurethane modified methyl methacrylate coating system is being installed over an existing roof system, all appropriate repairs should be made prior to applying the coating system. Allow suggested cure time of repairs before application.
- 444.3 Polyurethane modified methyl methacrylate coating system can be used over aged asphalt based roof products. When applying over felt roof systems repair any blisters and degraded felts prior to installation.
- 444.4 Coating system can be applied directly to concrete. Any cracks should be repaired before coating application. Allow new concrete to fully cure for a minimum of 28 days (a concrete dryness test should be performed prior to application).
- 444.5 Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cord-less drills are not recommended and may not properly mix the materials.
- 444.6 Base Coat must be mixed to achieve a uniform distribution and appearance of the product. Once properly mixed, Base Coat can be poured off in smaller quantities into a second container. Add the appropriate amount of Catalyst to the selected amount of base coat and mix thoroughly until powder catalyst is completely dissolved. Catalyze only the amount of base coat intended to be used within the expected pot life. The Catalyst is mixed with coating to initiate the curing process. The amount of Catalyst needed is based on the amount of base coat used and the ambient temperature.
- 444.7 Apply base coat over prepared surfaces.
- 444.7.1 Apply base coating with brush, roller or squeegee at a rate of 2½ gals / 100 sq. ft. (40 wet mils) minimum. Embed polyester reinforcing fabric into wet coating using a brush or roller until free of voids, wrinkles, air pockets, etc. While coating is still wet, apply Base Coat over embedded fabric at 2½ gals / 100 sq. ft. (40 wet mils) minimum. Allow to cure prior to applying top coat.

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- 444.8 Apply polyurethane modified methyl methacrylate top coating over base coating.
- 444.8.1 Preparation: The surface of previously applied Base Coat must be clean, dry, solid, and free of dirt, grease, oil, algae, and other debris prior to application of the Top Coat. Repairs: If coating system is being installed over an existing roof system, all appropriate repairs should be made prior to applying the coating system. Allow suggested cure time of repairs before application. Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cord-less drills are not recommended and may not properly mix the materials.
- 444.8.2 Top Coat must be mixed to achieve a uniform distribution and appearance of the product. Once properly mixed, Top Coat can be poured off in smaller quantities into a second container. Add the appropriate amount of Catalyst to the selected amount of top coat and mix thoroughly until powder catalyst is completely dissolved. The Catalyst is mixed with coating to initiate the curing process. Catalyze only the amount of top coat intended to be used within the expected pot life. The amount of Catalyst needed is based on the amount of top coat used and the ambient temperature.
- 444.8.3 Apply top coating with brush, roller or squeegee at a rate as required by Manufacturer
- 444.8.4 Pre-formulated high elastomeric thixotropic, two-component, polyurethane modified methyl methacrylate mastic sealant and polyester reinforcement may be used for flashing applications.
- 445 Metal Restoration with Acrylic Coating.**
- 445.1 Install 100% acrylic resin elastomeric weatherproofing coating system meeting or exceeding the performance requirements of ASTM D 6083. Install 100 percent stitch bonded polyester fabric reinforcement at seams, projections and as required by coating manufacturer. Install base and top coating according to manufacturer's specifications.
- 445.1.1 Coating has a tensile strength of 250 psi per ASTM D 2370, and aged solar reflectance index of 101 and a 390 percent elongation at 73 degrees Fahrenheit per ASTM D 2370.
- 445.2 Examine existing roofing substrate, for compliance with requirements and for other conditions affecting application and performance of roof coatings. Prepare metal surfaces prior to coating application.
- 445.2.1 Clean substrate of dust, debris, and other substances detrimental to coating installation according to the coating system manufacturer's written instructions.
- 445.2.2 Wire brush loose rust from roof surface. Power tool cleaning is preferred but hand tool cleaning is acceptable.
- 445.2.3 Remove any oil or grease from the surface by either high pressure water blast incorporating a biodegradable detergent or TSP, or the use of clean rags soaked in approved solvent. (SSPC-SP1).
- 445.2.4 All existing fasteners must be checked and tightened.
- 445.2.4.1 Replace stripped or missing fasteners using an oversize "repair type" fastener. Add additional fasteners, where necessary, to draw uplifted sheets together.
- 445.2.4.2 Damaged roof fascia, gutters, vents, ridge caps, flashings, etc., must be replaced to match the existing.
- 445.3 Bare galvanized metal does not require a primer if there is no rust present. Surface must be clean and dry.
- 445.3.1 Steel surfaces and metal with rust or corrosion present must be primed as specified.
- 445.4 Roof Panel Repair and Preparation:
- 445.4.1 Loose rust, mill scale and paint must be removed by any of the following.
- 445.4.1.1 Hand tool cleaning to include scraping, sanding, and wire brushing.
- 445.4.1.2 Power tool cleaning to include power sanding, power wire brushing, or power grinding.
- 445.4.2 Remove all loose existing acrylic and asphalt coatings and all existing sealants and mastics prior to installing aliphatic polyurethane sealer or acrylic elastomeric sealer. If using acrylic elastomeric sealer for detail work, all rusted areas must be primed prior to the application of the acrylic elastomeric sealer.

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- 445.4.3 If previously coated, including factory finish, check for adhesion and compatibility of any remaining, tightly adhered, existing coating. To check adhesion of the existing coating film, conduct adhesion test per ASTM D 3359-09.
- 445.4.4 Perform a test application to determine compatibility with and adhesion of a new coating to a previously coated surface. After application and curing of the coating test area, an X-Cut Tape Test per ASTM D3359-09 is used to determine adhesion and compatibility of the elastomeric coating to the substrate.
- 445.4.5 If metal panel finish is Kynar 500 or similar, conduct a test application using water-based primer specifically for fluoropolymer/PVDF/Kynar 500 metal surfaces and elastomeric coating. Conduct adhesion test per ASTM D 3359-09.
- 445.4.6 Roof panels exhibiting holes and/or posing safety concerns shall be replaced with new metal panels with a similar panel design.
- 445.4.7 Closely inspect underside of all metal panels for corrosion at end laps, curbs and penetrations. Replace as required.
- 445.5 Prepare existing previously installed asphaltic roof repair areas.
- 445.5.1 Remove loose mastics from repair area and clean remaining repair surface.
- 445.5.2 Apply aliphatic polyurethane sealer over the prepared surface at the rate of 30 - 40 lineal feet per gallon in a three-course combination with polyester reinforcement membrane. A three-course combination consists of sealer / fabric / sealer.
- 445.5.3 Prime metal panel and metal flashing surfaces prior to coating application.
- 445.5.4 On metal surfaces with Kynar 500 Finish or Similar, prime entire surface with water-based primer specifically for fluoropolymer/PVDF/Kynar 500 metal surfaces at a rate of 200-250 square feet per gallon (6-8 wet mils).
- 445.5.5 On metal surfaces without Kynar 500 Finish and Bare Galvanized Metal, following cleaning and preparation work, apply Water based acrylic metal primer over the entire roof area at a rate of 100-200 square feet per gallon.
- 445.5.6 Allow primer to dry prior to elastomeric base coating application.
- 445.5.7 Roof Penetrations
- 445.5.7.1 The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using aliphatic polyurethane sealer or acrylic elastomeric sealer at the rate of 30 - 40 lineal feet per gallon in a three-course combination with polyester reinforcement. A three-course combination consists of sealer / fabric / sealer.
- 445.5.8 Seams
- 445.5.8.1 All end-lap (horizontal) and faulty side-lap (vertical) seams must be treated with polyurethane sealer or acrylic elastomeric sealer back-brushed into any open seam areas. The sealer is best applied by brush. (In typical situations one (1) gallon will cover approximately 60 - 100 lineal feet per gallon. at a thickness of 1/8 inch).
- 445.5.8.2 Seams with openings greater than 1/8 inch, reinforce polyurethane sealer or acrylic elastomeric sealer with polyester reinforcement membrane in a three-course combination. Approximate coverage for polyurethane sealer or acrylic elastomeric sealer will be 30 - 40 lineal feet per gallon.
- 445.5.8.3 Seams with greater than 1/4" openings must be drawn together with a self-tapping sheet metal screw and neoprene washer.
- 445.5.8.4 At all vertical seams apply elastomeric weatherproofing coating at a rate of 1 gallon per 100 square feet (16 wet mils).
- 445.5.8.5 Ridge Caps
- 445.5.8.6 All seams on and around ridge cap must be sealed using polyurethane sealer or acrylic elastomeric sealer in a three-course combination. Approximate coverage for polyurethane sealer or acrylic elastomeric sealer will be 30-40 lineal feet per gallon.
- 445.5.8.7 All seams around ridge ventilators must be sealed using polyurethane sealer or acrylic elastomeric sealer and polyester reinforcement in a three-course combination. Approximate coverage for polyurethane sealer or acrylic elastomeric sealer will be 30 - 40 lineal feet per gallon.



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- 445.5.8.8 Fasteners
- 445.5.8.9 Encapsulate all fasteners with polyurethane sealer or acrylic elastomeric sealer (one gallon will encapsulate approximately 150 - 200 fasteners).
- 445.5.9 Restoration Coating Application
 - 445.5.9.1 If previously applied primer has been applied longer than 72 hours prior to application of coating application, the primer shall need to be reapplied. All surfaces, which have been primed, must be clean and free of dirt, grease, oil and other foreign matter.
 - 445.5.9.2 Air temperature must be 50 degrees Fahrenheit dry and rising and must be a minimum of 5degrees Fahrenheit above the dew point.
 - 445.5.9.3 Mix each container of elastomeric coating with a power assisted mechanical mixer before use. Mix until coating is smooth and consistent. For pails, a Jiffy Mixer attached to a low speed power drill is recommended. For drums, a 600 Series Drum Mixer is recommended. Do not hand mix. Do not thin.
 - 445.5.9.4 Apply elastomeric weatherproofing coating system in two coats at minimum 1 gallon per 100 square feet (16 wet mils) per coat, for a total of 32 wet mils (16 dry mils) minimum. Apply the system using a Base Coat and White (or selected color) Finish Coat. Apply coatings by brush, 3/8 inch nap roller or spray equipment according to manufacturer's specifications.
 - 445.5.9.5 Allow to cure a minimum 24 hours between coats or until it can support the required foot traffic based on specific job site conditions and roof slope, etc. Environmental or site specific conditions may require variations in cure times.

446 Metal Restoration with Aluminum Coating

- 446.1 Install premium grade metallic pigmented, industrial maintenance coating formulated from specially processed asphaltic liquids, non-drying oils, a blend of natural and synthetic fibers, and aluminum pigment. Install 100 percent stitch bonded polyester fabric as required by coating manufacturer. Install in one coat according to manufacturer's specifications
- 446.1.2 Coating has a minimum 15 percent metallic content per ASTM D2824, reflectance more than 60 per ASTM C 1549-02 and contains 47 percent solids by weight. The aluminum pigment exceeds Federal Specification TT-P-320D, Type 2. Contains no asbestos or glass fibers.
- 446.2 Examine existing roofing substrate, for compliance with requirements and for other conditions affecting application and performance of roof coatings.
- 446.3 Prepare metal surfaces prior to coating application.
 - 446.3.1 Remove any oil or grease from the surface as required.
 - 446.3.2 All existing fasteners must be checked and tightened.
 - 446.3.3 Replace stripped or missing fasteners using an oversize "repair type" fastener. Add additional fasteners, where necessary, to draw uplifted sheets together.
 - 446.3.4 Damaged fascia, gutters, vents, ridge caps, flashings, etc., must be replaced to match the existing.
- 446.4 Roof Panel Repair and Preparation:
 - 446.4.1 Loose rust, mill scale and paint must be removed by any of the following.
 - 446.4.1.1 Hand tool cleaning to include scraping, sanding, and wire brushing.
 - 446.4.1.2 Power tool cleaning to include power sanding, power wire brushing, or power grinding.
 - 446.4.2 Remove all existing acrylic and asphalt coatings and all existing sealants and mastics prior to installing Manufacturer's polyurethane sealer.
 - 446.4.3 If metal panel finish is Kynar 500 or similar, please contact the coating manufacturer for surface preparation recommendations.
 - 446.4.4 If previously coated, check for adhesion and compatibility of any remaining, tightly adhered, existing coating with aluminum coating. A test application to determine compatibility with and adhesion to a previously coated surface. An X-Cut Tape Test is used to determine adhesion of the existing coating to the substrate.
 - 446.4.5 No priming is necessary because of the high amount of rust inhibiting oils in aluminum coating.

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- 446.4.6 Roof panels exhibiting holes and/or posing safety concerns should be replaced with new metal panels with a similar panel design.
- 446.4.7 Closely inspect underside of all metal panels for corrosion at end laps, curbs and penetrations. Replace as required.
- 446.5 Roof Penetrations
- 446.5.1 The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using manufacturer's polyurethane sealer at the rate of 30-40 lineal feet per gallon in a three course combination with polyester fabric. A three course combination consists of sealer/fabric/sealer.
- 446.6 Seams
- 446.6.1 All end-lap (horizontal) and faulty side-lap (vertical) seams must be treated with polyurethane sealer back-brushed into any open seam areas.
- 446.6.2 The polyurethane sealer is best applied by brush. (In typical situations one (1) gallon will cover approximately 60-100 lineal feet of seams at a thickness of 1/8 inch).
- 446.6.3 Seams with openings between 1/8 – 1/4 inch, reinforce manufacturer's polyurethane sealer with 100 percent stitch bonded polyester fabric in a three course combination.
- 446.6.4 Approximate coverage for polyurethane sealer will be 30-40 lineal feet per gallon. Seams with greater than 1/4 inch openings must be drawn together with a self-tapping sheet metal screw and neoprene washer.
- 446.7 Ridge Caps
- 446.7.1 All seams on and around ridge cap must be sealed using manufacturer's polyurethane sealer and 100 percent stitch bonded polyester fabric in a three course combination.
- 446.7.2 Approximate coverage will be 30-40 lineal feet per gallon.
- 446.7.3 All seams around ridge ventilators must be sealed using manufacturer's polyurethane sealer and 100 percent stitch bonded polyester fabric in a three course combination.
- 446.7.4 Approximate coverage for the polyurethane sealer will be 30-40 lineal feet per gallon.
- 446.8 Fasteners
- 446.8.1 Seal fasteners with repair manufacturer's polyurethane sealer. Cover bolt completely with 1/4 inch minimum thickness.
- 446.9 Restoration Coating Application
- 446.9.1 Using heavy-duty spray equipment, roller or brush, Alumanation 301 should be applied at the rate of 2 gallons per 100 square feet (32 wet mils). Mix well using a power-assisted mixer.
- 446.9.2 Do not permit traffic on completed roof surfaces unless absolutely necessary, and only after complete cure.
- 447 Brick, Remove and Install New Standard Brick**
- 447.1 Remove existing brick and replace with new to match existing.
- 447.2 Masonry components
- 447.2.1 Water: Potable.
- 447.2.2 Masonry sand: ASTM C 144-93. Shall contain no more than 0.5% lightweight aggregate particles. Shall be free of coal, grains, wood, and other organic impurities. Shall be washed and free of expansive clay.
- 447.2.3 Hydrated lime: ASTM C 207-91(1992), Type S, non-air-entrained. Do not use unslaked lime. Follow manufacturer's written hydration procedures if lime putty is used.
- 447.2.4 Portland cement: ASTM C 150-94, Type I.
- 447.2.5 Mortar: ASTM C 270-92, Type N. Proportions by volume 1:1.25:5 (portland cement: hydrated lime: masonry sand). Do not use ground limestone.
- 447.2.6 Mortar coloring material: Inert, non-fading, alkali fast oxides, finely ground, made especially for cement/lime mortars, to match existing color. Color quantity no more than 6% by weight. Match existing color.
- 447.2.7 Face brick: Use new brick to match existing in sizes, texture, and color to Owner's satisfaction.
- 447.2.8 Packing for weep slots: Glass wool batts.



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- 447.3 At locations indicated, remove bricks that are damaged, spalled, or deteriorated. Carefully demolish or remove entire units from joint to joint, without damaging surrounding masonry, in a manner that permits replacement with full-size units.
- 447.4 When removing single bricks, remove material from center of brick and work toward outside edges.
- 447.5 Support and protect remaining masonry that surrounds removal area. Maintain flashing, reinforcement, lintels, and adjoining construction in an undamaged condition.
- 447.6 Notify Owner' representative of unforeseen detrimental conditions including voids, cracks, bulges, and loose masonry units in existing masonry backup, rotted wood, rusted metal, and other deteriorated items.
- 447.7 Remove in an undamaged condition as many whole bricks as possible.
- 447.8 Remove mortar, loose particles, and soil from brick by cleaning with hand chisels, brushes, and water.
- 447.9 Store brick for reuse, as indicated.
- 447.10 Deliver cleaned brick not required for reuse to Owner, unless otherwise directed.
- 447.11 Clean bricks surrounding removal areas by removing mortar, dust, and loose particles in preparation for replacement.
- 447.12 Install replacement brick into bonding and coursing pattern of existing brick. If cutting is required, use a motor-driven saw designed to cut masonry with clean, sharp, unchipped edges.
- 447.13 Lay replacement brick with completely filled bed, head, and collar joints. Butter ends with sufficient mortar to fill head joints and shove into place. Wet both replacement and surrounding bricks that have ASTM C 67 initial rates of absorption (suction) of more than 30 g/30 sq. in. per min. (30 g/194 sq. cm per min.). Use wetting methods that ensure that units are nearly saturated but surface is dry when laid. Maintain joint width for replacement units to match existing joints.
- 447.14 Tool exposed mortar joints in repaired areas to match joints of surrounding existing brickwork.
- 447.15 Rake out mortar used for laying brick before mortar sets and point new mortar joints in repaired area to comply with requirements for repointing existing masonry, and at same time as repointing of surrounding area.
- 448 Structural Analysis/Engineering Services**
- 448.1 Building structure shall be evaluated by a structural engineer to determine, condition, additional dead load and live load capacity.
- 448.2 The engineer shall be a qualified, registered and licensed in the project state, and experienced in design similar to that required for Project.
- 449 Multiplication factor for roofs greater than 10,000 and under 20,000 square feet**
- 450 Multiplication factor for roofs greater than 5,000 and under 7,000 square feet**
- 451 Multiplication factor for roofs greater than 3,000 and under 5,000 square feet**
- 452 Multiplier for roofs less than 1,000 square feet**
- 453 Emergency Leak Repair per 1/2 Man Day**
- 453.1 Perform emergency temporary or permanent remedial repairs to resolve emergency leak conditions and bring roof back to a watertight condition.
- 454 10 year Restoration Warranty Under 10,000 Square Feet, Standard.**
- 454.1 Issue a manufacturer's 10 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.



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455 10 year Restoration Warranty Over 10,000 Square Feet, Standard.

455.1 Issue a manufacturer's 10 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

456 12 year Restoration Warranty Under 10,000 Square Feet, Standard.

456.1 Issue a manufacturer's 12 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

457 12 year Restoration Warranty Over 10,000 Square Feet, Standard.

457.1 Issue a manufacturer's 12 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

458 12 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, & 10.

458.1 Issue a manufacturer's 12 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

458.2 Provide maintenance inspections and general housekeeping in years 2, 5, & 10

459 12 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, & 10.

459.1 Issue a manufacturer's 12 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

459.2 Provide maintenance inspections and general housekeeping in years 2, 5, & 10

460 15 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15.

460.1 Issue a manufacturer's 15 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

460.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10 & 15

461 15 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15.

461.1 Issue a manufacturer's 15 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

461.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10 & 15

462 Warranty 15 year option roofs Under 10,000 Square Feet Minimum charge Standard.

462.1 Issue a manufacturer's 15 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

463 Warranty 15 year option roofs Under 10,000 Square Feet, Inspections in Years 2, 5, 10, & 15.

463.1 Issue a manufacturer's 15 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

463.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, & 15



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464 Warranty 15 year option roofs Over 10,000 Square Feet, Standard.

464.1 Issue a manufacturer's 15 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

465 Warranty 15 year option roofs Over 10,000 Square Feet, Inspections in Years 2, 5, 10, & 15.

465.1 Issue a manufacturer's 15 year Roof Restoration System Warranty once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

465.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, & 15

466 20 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15.

466.1 Issue a manufacturer's 20 year Roof Restoration System Warranty roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

466.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, & 15

467 20 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15.

467.1 Issue a manufacturer's 20 year Roof Restoration System Warranty roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

467.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, & 15

468 20 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15.

468.1 Issue a manufacturer's 20 year Roof System Warranty for the roof replacement area once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

468.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, & 15

469 20 year Replacement Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15.

469.1 Issue a manufacturer's 20 year Roof System Warranty for the roof replacement area once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

469.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, & 15

470 20 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15. No Maintenance

470.1 Issue a manufacturer's 20 year Roof System Warranty for the roof replacement area once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.

471 20 year Replacement Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15. No Maintenance

471.1 Issue a manufacturer's 20 year Roof System Warranty for the roof replacement area once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.



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- 472 30 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30.**
- 472.1 Issue a manufacturer's 30 year Roof System Warranty for the roof replacement area once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.
- 472.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, 15, 20, 25 & 30
- 473 30 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30.**
- 473.1 Issue a manufacturer's 30 year Roof Restoration System Warranty roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.
- 473.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, 15, 20, 25 & 30
- 474 30 year Replacement Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30.**
- 474.1 Issue a manufacturer's 30 year Roof System Warranty for the roof replacement area once roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.
- 474.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, 15, 20, 25 & 30
- 475 30 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30.**
- 475.1 Issue a manufacturer's 30 year Roof Restoration System Warranty roof system is complete, manufacturer's requirements are met and the manufacturer's representative approves the finished system.
- 475.2 Provide maintenance inspections and general housekeeping in years 2, 5, 10, 15, 20, 25 & 30
- 476 Warranty Extension 5 yr 5,000 sf or less**
- 476.1 Extend an existing or recently expired Tremco Warranty for an additional five (5) years on roofs 5,000 square feet or less. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 477 Warranty Renewal 5 yr 5000 sf or less**
- 477.1 Renew an expired Tremco Warranty for a period of five (5) years on roofs 5,000 square feet or less. Roof inspection and limited housekeeping will be performed in year four (4) of the Warranty period.
- 478 Warranty Extension 5 yr 5001 sf -19,999 sf**
- 478.1 Extend an existing or recently expired Tremco Warranty for an additional five (5) years on roofs 5001 square feet and 19,900 square feet. Roof inspection and limited housekeeping will be performed in year four (4) of the Warranty period.
- 479 Warranty Renewal 5yr 5, 5001 sf-1999 sf**
- 479.1 Renew an expired Tremco Warranty for a period of five (5) years on roofs 5001 square feet and 19,900. Roof inspection and limited housekeeping will be performed in year four (4) of the Warranty period.



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- 480 Warranty Extension 5yr 20,000sf-49,999 sf**
480.1 Extend an existing or recently expired Tremco Warranty for an additional five (5) years on roofs 20,000 square feet and 49,900 square feet. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 481 Warranty Renewal 5yr 20,000 sf-49,999sf**
481.1 Renew an expired Tremco Warranty for a period of five (5) years on roofs 20,000 square feet and 49,900 square feet. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 482 Warranty Extension 5yr 50,000 sf and greater**
482.1 Extend an existing or recently expired Tremco Warranty for an additional five (5) years on roofs 50,000 square feet or greater. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 483 Warranty Renewal 5 yr 50,000 sf and greater**
483.1 Renew an expired Tremco Warranty for a period of five (5) years on roofs 50,000 square feet or greater. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 484 Warranty Extension 5yr 100,000 sf and greater**
484.1 Extend an existing or recently expired Tremco Warranty for an additional five (5) years on roofs 100,000 square feet or greater. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 485 Warranty Renewal 5yr 100,000 sf and greater**
485.1 Renew an expired Tremco Warranty for a period of five (5) years on roofs 100,000 square feet or greater. Roof inspection and limited housekeeping will be performed in year four (4) of the warranty period.
- 486 Roof Coating-High Solids, Water Based, Heavy Bodied Elastomeric Coating Formulated with an Acrylic Latex Polymer**
486.1 Install reflective elastomeric roof coating over roof surface.
486.2 Install reflective elastomeric roof coating consisting of high solids, water-based, heavy bodied elastomeric coating formulated with a nanotechnology-engineered blend of acrylic latex polymer.
486.3 Roof coating Reflectance is 83.2 percent per ASTM C 1549-04, Solar Reflectance Index is 103 per ASTM E 1980-01 and Density 11,800 cP per ASTM D 2196-99.
486.4 Surface Preparation: All fresh applications of mastics and asphalt coatings require a minimum 30 day cure period prior to coating application. All asphaltic surfaces, including granule surfaced modified bitumen membranes, require light priming with water based asphalt primer, at a coverage rate of 200-400 square feet per gallon. Allow primer to fully dry. Primer and coating must be applied the same day.
486.5 Apply Reflective Elastomeric Coating using brush or airless sprayer.
486.6 Airless Spray: Pneumatic, hydraulic or electric pump with a minimum 2,000 psi material output pressure and an output flow rate of 3 GPM or better. Reversible spray tip with a 0.035" to 0.052" orifice and a 40° to 60° spray fan. Material spray lines must be properly rated for the maximum working pressure of the pump being used. During spray application, take necessary precautions to avoid overspray.
486.6.1 Over entire cleaned, prepared surface, apply coating in a one or two coat application based on existing temperature and weather conditions.

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- 486.6.2 Apply coating at a coverage rate of 4 gallons per 100 square feet for single coverage and 2 gallons per 100 square feet (per coat) for two coat applications. Provide a total coverage of approximately 45 dry mil film thickness.
- 486.6.3 For two coat applications, allow first coat to fully dry to support foot traffic without tracking before application of second coat.
- 486.6.4 Drying time will vary based on weather conditions during application. Drying times will be longer under cool temperature, high humidity and/or overcast conditions. Drying time will improve under sunny or breezy conditions.
- 486.6.5 Vertical surfaces require 2 coat application to minimize potential for sag of coating
- 486.6.6 Allow sufficient time for coating to cure prior to end of the day. Application shall cease a minimum of 4 hours prior to sunset.
- 486.6.7 Avoid foot traffic for 5 days minimum on final surface coat especially under high humidity conditions. Tracking may occur for approximately 1 week following application, especially under high humidity or cool ambient conditions.
- 487 Roof Coating-High Solids, Water Based, Heavy Bodied Elastomeric Coating with Reinforcement**
- 487.1 Install Reflective Elastomeric Roof Restoration System over roof membrane surfaces using Reinforcing Fabric embedded in a full application of Rubberized Asphalt Emulsion Coating.
- 487.2 Install reflective elastomeric roof coating consisting of high solids, water-based, heavy bodied elastomeric coating.
- 487.3 Reflective Roof Coating Reflectance is 83.2 percent per ASTM C 1549-04, Solar Reflectance Index is 103 per ASTM E 1980-01 and Density 11,800 cP per ASTM D 2196-99.
- 487.4 Rubberized Asphalt Emulsion Coating consists of a non-fibered, asbestos free neoprene rubber modified asphalt emulsion. Coating is water-based, low in odor, meets the strict VOC requirements for roof coatings in California's South Coast Air Quality Management District and the US EPA's National VOC Emission Standard for Architectural Coatings (AIM).
- 487.5 Emulsion coating Elongation is 100 percent per ASTM D412-06a and density 8.6 lbs per gallon per ASTM D 1475-98.
- 487.6 Reinforcing Fabric is a recycled 100 percent stitch bonded polyester fabric mat with excellent tensile and tear strength. Reinforcing Fabric is infused with a non-hazardous quick break additive that is designed exclusively for use with the Roof Coating System.
- 487.7 Surface Preparation: All fresh applications of mastics and asphalt coatings require a minimum 30 day cure period prior to coating application. All asphaltic surfaces, including granule surfaced modified bitumen membranes, require light priming with water based asphalt primer, at a coverage rate of 200-400 square feet per gallon. Allow primer to fully dry. Primer and coating must be applied the same day.
- 487.8 Prior to application, prepare all single ply membranes. Repair surfaces as necessary. After repairs are fully cured, prime single ply surfaces with SP Primer. Allow primer to fully dry prior to application of coating.
- 487.9 Install one (1) to three (3) ply application of Reinforcing Fabric in Rubberized Asphalt Emulsion.
- 487.9.1 Install Reinforcing Fabric according to manufacturer's written instructions, starting at low point of roofing system. Place ply sheets to ensure water will flow over or parallel to, but never against exposed edges. Shingle side laps of ply felts uniformly throughout.
- 487.9.2 Install fabric over roof and all wall, curb, and projection bases in a uniform and continuous application of ply adhesive.
- 487.9.3 Spray or brush-apply emulsion coating onto the surface. On irregular surfaces, broom coating into the surface to assure the emulsion will fill and cover minor surface irregularities. Apply adhesive at a minimum rate of 4 gallons per 100 square feet per ply.
- 487.9.4 Immediately install Reinforcing Fabric into the wet emulsion coating. Promptly roll or broom the fabric to eliminate wrinkles and assure positive embedment.
- 487.9.4.1 Shingle plies in direction to shed water.



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- 487.9.4.2 Provide minimum 4" side laps and minimum 6" end laps.
- 487.9.4.3 Overlap previous day's work 24 inches.
- 487.9.4.4 Do not allow foot traffic on fabric ply during application.
- 487.9.5 In order for system to cure as intended, emulsion coating must be in direct contact with Reinforcing Fabric. Do not allow emulsion to extend out beyond edge of fabric in excess of 1". Allow Reinforcing Fabric to dry minimum 1 hour.
- 487.9.6 Drying time and final cure will vary based on weather conditions during application. Drying times will be longer under cool temperature, high humidity, and/or over cast conditions.
- 487.9.7 Once installed fabric ply is visibly dry and able to support foot traffic without tracking, apply top coating of Reflective Elastomeric Coating directly over Reinforcing Fabric.
- 487.9.8 Install Reinforcing Fabric and Reflective Elastomeric Coating on same day.
- 487.9.9 Apply Reflective Elastomeric Coating using brush or airless sprayer.
- 487.9.9.1 Airless Spray: Pneumatic, hydraulic or electric pump with a minimum 2,000 psi material output pressure and an output flow rate of 3 GPM or better. Reversible spray tip with a 0.035" to 0.052" orifice and a 40° to 60° spray fan. Material spray lines must be properly rated for the maximum working pressure of the pump being used. During spray application, take necessary precautions to avoid overspray.
- 487.9.10 Over entire cleaned, prepared surface, apply coating in a one or two coat application based on existing temperature and weather conditions.
- 487.9.11 Apply coating at a coverage rate of 4 gallons per 100 square feet for single coverage and 2 gallons per 100 square feet (per coat) for two coat applications. Provide a total coverage of approximately 45 dry mil film thickness.
- 487.9.12 For two coat applications, allow first coat to fully dry to support foot traffic without tracking before application of second coat.
- 487.9.13 Drying time will vary based on weather conditions during application. Drying times will be longer under cool temperature, high humidity and/or overcast conditions. Drying time will improve under sunny or breezy conditions.
- 487.9.14 Vertical surfaces require 2 coat application to minimize potential for sag of coating
- 487.9.15 Allow sufficient time for coating to cure prior to end of the day. Application shall cease a minimum of 4 hours prior to sunset.
- 487.9.16 Avoid foot traffic for 5 days minimum on final surface coat especially under high humidity conditions. Tracking may occur for approximately 1 week following application, especially under high humidity or cool ambient conditions.

488 AIR BARRIER LINE ITEMS

- 489 Foam Roof/Wall Intersection - Under 20ft**
- 490 Foam Roof/Wall Intersection - Over 20ft**
- 491 Seal roof top exhaust fan curb mountings**
- 492 Adding foam board as a filler in large openings, i.e.: above soffits**
- 493 Interior miscellaneous foam application - Under 20ft**
- 494 Weatherstrip and install sweep - single commercial door**
- 495 Weatherstrip and install sweep - double commercial door**
- 496 Seal Mechanical Rooms (With wall / roof pipe projections)**



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- 497 Seal individual plumbing, pipe or duct
- 498 Seal Windows (exterior only, sub-k must provide estimate)
- 499 Weatherstrip operable wood or aluminum windows with replacement finseal pile or foam tape or vinyl "V" strips
- 500 Weatherstrip steel frame and sash windows with in-situ silicone gasket. 2 trips required.
- 501 Interior caulking of window and door frames with clear paintable caulk
- 502 Miscellaneous Interior caulking with clear paintable caulk
- 503 Weatherstrip Overhead Garage Doors (12ft x12ft) 48ft LF w/rubber fins on bottom. Install face mounted leaf seal product to the bottom face of the door as the thresholds on doors (concrete)
- 504 **Blower Door Testing.**
504.1 Final air barrier performance test and report as specified in contract. Air barrier testing report and Infrared inspection report delivered within 10 business days.
- 505 **Thermography inspection performed during final test and thermography inspection. (Based on 60,000 sq. ft. elementary school).**
505.1 Infrared moisture survey.
505.2 A sensitive infrared scanner is used to detect temperature differentials across the building area. The analysis is conducted at night when areas of wet insulation or air leakage show as warmer areas. Areas are identified and then marked for further analysis and possible repair.
- 506 **Blower Door Directed Air Sealing - Supervision Only**
506.1 Supervise blower door sealing.
- 507 **Building Envelope Assessment**
507.1 Comprehensive in-field assessment of existing conditions to determine if a durable, continuous and correctly aligned air and thermal barrier is installed. Provide Assessment Report with recommendations. Phone and email consultations to review progress on an as needed basis.
- 508 Mileage rate
- 509 Performance and payment bond - bonding rate (percent of project)
- 510 Bonding capacity - total amount of capacity available
- 511 **Multiplier/factor to be applied to the R.S. Means costs for The National Cooperative Contractor Network**
511.1 The Contractor's proposal pricing is based on the most current Online RS Means Cost Data, sorted by location code. Locations are defined as the "closest" code, as dictated by the first three (3) numbers of the AEPA member's zip code.
511.2 The zip code will be used to determine the city cost index (CCI) at the AEPA member's site. Contractor will only use the following cost data titles as noted in AEPA IFB 021-D Part B – Specifications:
a. Repair and Remodeling Cost Data



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- b. Building Construction Cost Data
 - c. Facility Construction Cost Data
- 511.3 A discount coefficient is required to further modify the RS Means final price and is less than 1.0 therefore offering AEPA members an additional discount. This discounted percentage is found in F.2 Line 27 and applies a RS Means multiplier/factor of 92%. Prevailing wage rates will be paid according to the requirements of each state.
- 511.4 The selected Contractor will furnish a line item estimate for the unique conditions of the building from the most current RS Means Construction Cost Index Guide. Awarded proposals will be equal to, or less than, the amount of the line item estimate, which is fully transparent, audible, consistent and fair.
- 512 Multiplier - roof height is greater than 2 stories; equal to or less than 5 stories**
- 512.1 Additional elevations require additional safety requirements and extra material handling to move material from ground storage to roofing project which cannot be done by simple hoists. Project is considered less efficient because of extra lifting and hoisting aspects and the project cannot be completed in a normal work process.
- 512.2 Project demolition requires crane time to remove trash or special chuting and or scaffold support of demolition debris and roof top trash. Removal is considered less efficient due to reduced size of roof top containers.
- 512.3 Project requires additional crane work to accomplish the project.
- 512.4 Project safety requirement for building access egress becomes more stringent to protect pedestrian traffic.
- 512.5 Additional percentage applied to project cost. Any surcharge costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.
- 513 Multiplier - roof height is greater than 5 stories; equal to or less than 10 stories**
- 513.1 Additional elevations require additional safety requirements and extra material handling to move material from ground storage to roofing project which cannot be done by simple hoists. Project is considered less efficient because of extra lifting and hoisting aspects and the project cannot be completed in a normal work process. Project has limited or no internal access.
- 513.2 Project demolition requires crane time to remove demolition debris and roof top trash. Removal is considered less efficient due to reduced size of roof top containers.
- 513.3 Project safety requirement for building access egress becomes more stringent to protect pedestrian traffic.
- 513.4 Additional percentage applied to project cost. Any surcharge costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.
- 514 Multiplier - roof height is greater than 10 stories**
- 514.1 Additional elevations require additional safety requirements and extra material handling to move material from ground storage to roofing project which cannot be done by simple hoists. Project is considered less efficient because of extra lifting, extra staging and hoisting aspects and the project cannot be completed in a normal work process. Project has limited or no internal access.
- 514.2 Project tear requires crane time to remove demolition debris and roof top trash. Removal is considered less efficient due to reduced size of roof top containers.
- 514.3 Project safety requirement for building access egress becomes more stringent to protect pedestrian traffic.
- 514.4 Additional percentage applied to project cost. Any surcharge costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.



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- 515 Multiplier - roof has large amount of penetrations and roof top obstructions**
- 515.1 To be applied when open roofing area is limited due to a large number of roof penetrations such as soil stacks, sky lights, roof drains, exhaust vents, HVAC units.
- 515.2 To be applied when open roofing area is limited due to a large number of roof top obstructions such as pipes, duct work, electrical conduit, hose supply conduit, etc.
- 515.3 Additional percentage applied to project cost. Any surcharge costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.
- 516 Multiplier - roof is considered non-standard architecture or has > 4:12 slope**
- 516.1 Multiplier is applied when Roof Area is not square in shape, contains multiple sharp angles and/or curves.
- 516.2 Or roof slope is greater than 4/12 slope. Tear off and replacement is less efficient in the construction of the roof system and requires additional safety precautions.
- 516.3 Projects is constructed in a less efficient manner, requires extra work to create watertight roof system. Staging of material on roof is more difficult.
- 516.4 Additional percentage applied to project cost. Any surcharge costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.
- 517 Multiplier - roof is less than 3,000 square feet but greater than 1,000 square feet**
- 518 Multiplier - roof size is greater than 7,000 square feet but less than 10,000 square feet**
- 519 Multiplier- City, town or county permit fee for construction project local to members location.**
- 519.1 Fee for local building department fees for review of plans and specification charged to members project.
- 519.2 Additional percentage applied to project cost. Any permit fee costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.
- 520 Multiplier- Working in Metro or Urban areas.**
- 520.1 City locations requiring additional logistical measures to compete the roofing project.
- 520.2 Mobilization, demobilization, staging, traffic control, material handling, disposal and set up labor costs cannot be covered by the bid line items for roofing due to the restraints of metro or urban projects.
- 520.3 Additional percentage applied to project cost. Any surcharge costs will be determined up front and agreed upon between the buyer and the Contractor as included in the initial cost quotation and purchase order.
- 521 Construction Distributor Material For Repair Work**
- 521.1 Materials that are purchase from a construction distributor for repair work.
- 521.2 Materials to be purchased that are not offered in the contractor's material price book.
- 521.3 Contractor allowable mark up on distributor material is 15 percent.
- 521.4 Contractor will furnish buyer invoices for material purchased from construction distributor as requested.



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522 Building/Construction Superintendent

- 522.1 Provide management of project. Attends project construction meeting, Schedules project start date with subcontractor and owner's representative. Conducts job walk. Site reviewed for set up and material storage areas.
- 522.2 Reviews and coordinates material delivery to project with the subcontractor. Inspects material at time of unloading. Accepts or rejects material based on condition. Ensures materials are covered and secured per site specific plan.
- 522.3 Reviews site specific safety plan with subcontractor. Ensures safety is in place prior to project start. Ensures subcontractor's Foreman and crew are aware of the plan and specification for the project. Follows project schedule. Works with subcontractor's performance to maintain schedule.
- 522.4 Provides oversight of the installation of the materials used to weatherize the building. Monitors the installation to ensure the materials and methods of installation comply with projects specification. Reviews safety with foreman. Verifies that nightly tie in of roofing system. Reviews with subcontractor at end of the day's work to ensure the project is clean of debris, all hot materials have cooled, and equipment is properly shut down.
- 522.5 Prepares field reports for owner representative. Takes photographs of construction progress. Meets with owners representatives. Informs/coordinates activity to minimize disruption of owners core business.

523 Building/Construction Manager

- 523.1 The construction manager plans the work and lays out the tasks for the construction team. The construction manager duties include forecasting and determining the work that needs to be done for the proposed project. Scope development and site investigation in conjunction with owner's representative(s). Conduct preproposal site visits with subcontractor(s) and other vendor(s). Work with construction team to develop cost estimates. Work with other team members to present cost estimates based on the line item schedule. If required, creates and maintains submittal register. Coordinates all aspect of project with owner's representative(s). Deliver required submittals to all members of the construction team and subcontractor(s). Reviews required permits and ensures compliance. Develop site specific requirements for the construction team including mobilization. Review site specific safety plan with subcontractors and vendors.
- 523.2 Attends required project meeting(s). Instructs project superintendent and subcontractor(s) of the requirements of the project deliverables. Reviews progress reports, directs superintendents communicates with subcontractor(s)' management team. Resolves issues related to project activity as reported by project superintendent.
- 523.3 Communicates with owner's representative(s) and attends progress meetings when possible. Communicates owner's comments to construction team. Resolves disputes with construction team. Ensures owner's project meets the specification, timelines and budgets.
- 523.4 Prepares monthly progress draws to owner's representative(s). Authorizes payments to subcontractor(s) and vendor(s). Resolves questions for owner's representative(s). Meets with owner's representative(s) as required. Prepares project close out information and ensures final inspection and warranty documents are issued to owner. Prepares final billing for project. Works to ensure site is returned to a clean condition and all construction elements have been demobilized.

524 DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR THE FOLLOWING LINES:

525 California ONLY - Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations.

- 525.1 This Line is used for projects located in The State of California.
- 525.2 See above for detail definition Roof inspection services.



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- 526 California ONLY - Roof leak investigation**
526.1 This Line is used for projects located in The State of California.
526.2 See above for detail definition Roof leak investigation.
- 527 California ONLY - Minor roof repair calls**
527.1 This Line is used for projects located in The State of California.
527.2 See above for detail definition Roof inspection services.
- 528 California ONLY - Labor Rate for Roofer**
528.1 This Line is used for projects located in The State of California.
528.2 See above for detail definition Labor Rate for Roofer.
- 529 California ONLY - Building / Construction Inspector**
529.1 This Line is used for projects located in The State of California.
- 530 California ONLY - Roof Inspector**
530.1 This Line is used for projects located in The State of California.



6. Special Terms and Conditions

6.8 New products and services must only be offered and made available under this solicitation when they have been extensively tested and proven to be reliable, suitable and appropriate for use on, within, and around educational facilities and other public facilities. Detailed information, results and performance history shall be provided to allow the Members and their clients to make an informed decision on accepting the product/service as part of this contract and for use in individual client's projects.

The additional products proposed by WTI have been extensively tested and proven to be reliable, suitable and appropriate for AEPA member use. In fact, many of these products were evaluated and previously approved and added to WTI's 2008, 2012 and 2016 AEPA contracts. Additionally, WTI is proposing three new programs/services, summarized below, which have also been tested and proven appropriate for use in AEPA member facilities. Pricing for value add items is included in *Exhibit C – Warranties, Additional Services*.

- CriticalCare
- Pure Air Control Services, Inc. (building ventilation system cleaning and sanitizing)
- The Contractor Network Program



7.8 Special OSHA Requirements

WTI, a wholly owned subsidiary of Tremco, has responded to select specifications in *Part B – Specifications, Section 7* that were not already addressed elsewhere in the required forms. We believe this approach satisfies and meets the spirit and intent of the IFB.

7.8 SPECIAL OSHA REQUIREMENTS

7.8.1 The Contractor will use a fall protection program as described by OSHA. A copy of the plan to be used will be included with the Offeror's response.

WTI's goal on every project is to complete work safely, with the appropriate tools, equipment and methods implemented in accordance with applicable rules and regulations. These include OSHA 1910 and 1926 Regulations, AEPA member requirements, and other applicable federal, state and local safety requirements. Adherence to these requirements is a precondition for project work and takes priority over scheduling requirements. The designated Construction Manager/Superintendent/Inspector will have full responsibility for compliance regarding WTI's Safety Program. Tasks being performed in an unsafe manner or without appropriate safety precautions will be halted immediately until suitable safety procedures are instituted.

WTI's Safety Program is administered at the site level by one of our assigned Construction Managers/Superintendents/Inspectors who is responsible for oversight of the health and safety of on-site employees, facility personnel and subcontractors. The Construction Manager/Superintendent/Inspector is responsible for verifying that employees and workers are aware of and trained in proper safety procedures. Appropriate personnel will conduct scheduled weekly safety reviews for dangers and hazards of the work in progress are addressed per requirements of the project. WTI also requires each of our subcontractors to maintain a suitable level of safety education and training as per requirements specified in OSHA 10-hour training and to the particular project conditions. Health and safety inspections are conducted daily by appropriate personnel to identify, address and mitigate potential safety hazards.

As part of our overall commitment to safe operations, we have published and distributed our Safety Policy Manual, which sets expectations and requirements for WTI field projects. This policy was developed in accordance with applicable OSHA 1910, 1926 and Environmental Protection Agency (EPA) requirements and also reflects industry standards and expectations such as those developed by the NRCA. WTI's fall protection program is in compliance with OSHA and is included and addressed within the Safety Policy Manual provided on the following pages.

7.8.2 The Contractor will provide, for each worksite in which the above plan will not be used, documents that are in compliance with 29 CFR 1926.502(k)(M)'s requirement that: "Employers engaged in leading edge work who can demonstrate that it is infeasible or creates a greater hazard to use conventional fall protection systems must develop and follow a fall protection plan. This sample plan can be modified to be used for other work involving leading edge work." A copy of a sample plan to be used will be included with the bid. The sample plan may only be used at an actual job site with the same criteria as in the sample plan.

It is WTI's intention to use the fall protection policy included on page 69 in our Safety Policy Manual for all projects performed under the AEPA contract. In the event that it is infeasible or hazardous to use conventional fall protection systems, WTI will work directly with each AEPA member to identify alternative safety procedures to be used for work involving leading edge work.

Safety Policy Manual

Statement of Commitment and Responsibilities

Administrative Policies and Procedures

General Safety and Health Policies and Programs

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STATEMENT OF COMMITMENT

Accident prevention is the prime concern for all employees of Tremco. Our goal is to ensure that every employee has the benefit of a work environment which is as safe as possible, not only at each Tremco facility, but in the field and on Tremco project sites.

Accidents are preventable and can be avoided through preplanning and utilizing our resources to help eliminate the causes of accidents. By observing and enforcing proper safety procedures, we will not only have a positive effect on the well-being of our employees, customers and the public, but also can help to prevent wasteful, inefficient operations and damage to property and equipment.

Every Tremco employee is obligated to follow these safety principles:

1. Every employee must observe safe work practices as defined in the Safety Policy Manual and safeguard against injuries and the actions and conditions that cause them. Proper work planning and the use of appropriate safety and health equipment is required.
2. Every employee is required to conduct himself/herself in a safe manner in accordance with OSHA regulations and safe work practices
3. Every employee is expected to continuously promote a “zero injury” safety culture.

Compliance with the following Safety Policy Manual and all items contained therein is mandatory for all Tremco employees. The rules, policies and procedures in the Safety Policy Manual should be regarded as the minimum standards and must be made a part of our operations on all jobs. It is extremely important that you understand safety as it relates to your job, co-workers, subcontractors, and the owner. Ask your supervisor if you are unsure about how to perform a particular task in a safe manner. It is necessary that each Tremco employee maintain a proper attitude toward full implementation of our Safety Policy Manual.

With your help, we will reduce preventable loss and continue to make safety our way of doing business.



Thomas Cummings, Executive Vice President
Roofing and Building Maintenance Division
Tremco Incorporated

GENERAL SAFETY RULES

The following General Safety Rules must be complied with at all times by Tremco employees working on Tremco projects. The below list of General Safety Rules is not intended to be comprehensive; it must be read in conjunction with all other Tremco safety policies and programs, and the U.S. Employee Policy Handbook. Violation of any of the General Safety Rules or of any other Tremco safety policies may result in discipline, up to and including immediate suspension or termination of employment.

The purpose of these safety rules is to provide direction on the responsibilities for safety actions and behaviors from Tremco, employees and management.

Personal Conduct:

1. All Tremco employees must conduct themselves with professionalism and follow good construction and safe work practices at all times while on Tremco property or performing services or work on behalf of Tremco.
2. Horseplay, practical jokes and fighting are strictly prohibited at all times while employees are on Tremco property or performing services or work on behalf of Tremco.

Illegal Drugs, Alcohol and Medications:

3. All employees must comply with Tremco's Drug-Free Workplace Policy. The Drug-Free Workplace Policy prohibits the sale, distribution, use or possession of illegal substances and the use and/or possession of alcohol by any employee on Tremco property or during the course of performance of services or work on behalf of Tremco. Any employee, who sells, distributes or is determined to be in possession of, under the influence of, or tests positive for an illegal substance, on any Tremco property or while performing any services or work on behalf of Tremco, will be terminated. Additionally, any use and/or possession of alcohol on any Tremco property, or while performing any services or work on behalf of Tremco, may be considered misconduct and may be grounds for disciplinary action up to and including termination.
4. Any employee who is taking a prescription or over-the-counter medication that may affect his/her ability to work safely must notify his/her Supervisor prior to performing any work. It should be presumed that a medication may affect an employee's ability to perform his/her work safely if the instructions for use of the medication include statements that the medication may cause drowsiness, warnings against driving or operating heavy machinery or similar cautionary language.

Clothing and Personal Protective Equipment:

5. Hardhats, safety glasses and high visibility vests or high visibility t-shirts must be worn at all times by all employees while on a Tremco jobsite. Safety glasses must be worn at all times by all employees while performing, inspecting, or supervising work on a Tremco jobsite.

6. Proper clothing suitable for construction work must be worn at all times by employees while on Tremco jobsites. At a minimum, employees must wear leather work boots, shirts with sleeves of at least 4 inches in length, and long pants. Clothing must also be suitable for the type of job being performed. For example, shirts with wrist-length sleeves must be worn at all times by employees using acetylene torches or working with or near chemicals. If you have any questions regarding proper clothing for a particular task or activity, consult your supervisor.
7. All Tremco employees must read and comply with Tremco's Personal Protective Equipment Policy.

Fall Protection/Ladders:

8. Fall Protection is required at all times whenever employees are working at a height of 6 feet or above. All Tremco employees must read and comply with Tremco's Fall Protection Policy.
9. Fall protection equipment such as warning lines, guardrails, handrails, perimeter cables, and floor covers must not be altered or removed.
10. Portable ladders to access work areas must be at least a Type I Heavy Duty rated ladder.
11. Ladders must be setup properly on a stable, level, non-slippery surface. Ladders must also be secured at the footing to prevent slipping. All Tremco employees must read and comply with Tremco's Ladders and Stairway Policy
12. All portable ladders must be setup at the correct 4:1 ratio and inspected for defects prior to use. Extension ladders must extend at least 3 feet beyond the landing and be secured at the top to prevent accidental displacement.
13. Ladders must be set up at least 20 feet away from overhead power lines.
14. Ladders must be immediately removed from service if damaged or unstable.

Using Equipment:

15. Never operate or use any equipment that appears unsafe, or that you have not been properly trained to use.
16. A Truck Operation Start-Up Checklist should be fully completed prior to starting any equipment on the truck for any work task.
17. Inspect all equipment for damage, wear and any other unsafe condition before use. Immediately remove from service any equipment that appears defective and report it to your supervisor. Place a "Defective – Do Not Use" tag on equipment waiting for repair. Notify other employees who may need to use the equipment that it has been tagged as defective and should not be used.

18. Hand and power tools must be used only for their intended purpose. All power tools used by Tremco employees in the course of their work must be double insulated or properly grounded. Damaged tools must be removed from service immediately. All Tremco employees must read and comply with Tremco's Portable Hand and Power Tools and Electrical Safety Policies.
19. All machine guards must be kept in place and not altered for operation.
20. Extension cords must be checked for nicks, cuts, tears, and missing ground prongs before use. All damaged cords must be pulled from service immediately. Ground Fault Circuit Interrupters (GFCI) must be used at all times with 110 - 120 volt, single phase 15 to 20 ampere services. Employees must check GFCIs before use. All Tremco employees must read and comply with Tremco's Electrical Safety Policy.
21. Only authorized persons are allowed to perform maintenance or service work on any equipment or machinery on Tremco jobsites. Any Tremco employee who believes that they may come into contact with a hazardous energy source must stop work and contact his or her Supervisor. All Tremco employees must comply with Tremco's Hazardous Energy Control Policy.
22. All mobile heavy equipment used on Tremco job sites must be equipped with a functioning horn and back-up alarm; seat belts must be worn at all times during operation. All drivers must check their right of way before moving the equipment. Spotters or a flagman must be used when the operator's visibility is restricted.

Combustible and Flammable Materials:

23. Fire watch is mandatory for all hot work. All employees must read and comply with Tremco's Fire Protection and Prevention Policy.
24. Compressed gas cylinders must be stored upright and secured. Flash arrestors must be used at all times during gas welding operations.
25. Gasoline and other flammable liquids must be stored in an approved safety can. Plastic cans are not permitted on any Tremco project.

Housekeeping:

26. All employees must clean their work areas daily. Loose material and tripping hazards must be eliminated as work progresses.
27. Nails must be removed from lumber or bent over prior to storage or disposal of the lumber.
28. Material and debris must not be stored near the exterior of the building or any floor opening.
29. All employees must read and comply with Tremco's Housekeeping and Sanitation Policy.

Emergency Procedures and Facilities:

30. Know the emergency procedures for your jobsite, including fire and evacuation plans. All employees must read and comply with Tremco's Emergency Action Plan Policy.
31. Know the location of:
 - a. Emergency phones and phone numbers;
 - b. First aid kits or stations;
 - c. Fire extinguishers; and
 - d. The nearest Occupational Medical (primary) or Emergency (secondary) treatment facility.
32. If you do not know this information, ask your supervisor or contact the EHS Department.

Reporting:

33. All events or conditions that may create a safety risk, incidents, accidents, injuries, or illnesses on a Tremco jobsite must be reported to a Supervisors, Managers and/or Lead Personnel immediately. All employees must read and comply with Tremco's EHS Incident Notification Policy.
34. Any employee who observes an unsafe condition or activity on a jobsite must report it to his/her supervisor or another member of Tremco management. If you do not feel comfortable doing so, call THE NETWORK, at 1-888-898-4088. THE NETWORK is an independent service that is available to Tremco employees 24 hours a day, 7 days a week. Calls to THE NETWORK may be made anonymously. Tremco prohibits discrimination or retaliation of any kind against any employee for reporting a safety concern or violation in good faith to his/her supervisor, Tremco management, or THE NETWORK.

SAFETY COORDINATION

Purpose:

The purpose of this policy is to provide direction on the responsibilities for safety coordination from Tremco, employees and management.

Tremco Responsibilities:

1. Provide proper equipment, resources, and assistance to employees so they can conduct their jobs safely and productively.
2. Uphold the priority of safety on each project. Some examples of this include:
 - a. Providing 10-Hour Occupational Safety and Health Administration (OSHA) training courses. As part of this commitment, Tremco has sent designated employees to OSHA training courses, in which they have learned to train other employees regarding OSHA health and safety regulations and requirements;
 - b. Training conducted by third-party organizations in specialty areas related to safety, such as first aid;
 - c. Tool box talks conducted by the Lead Representatives and Supervisors;
 - d. Equipment demonstrations by manufacturers of specialty equipment that present special safety features or risks, such as personal fall arrest systems and powder actuated tools;
 - e. Tremco-sponsored presentations and seminars utilizing approved resources regarding safety, such as video tapes from the National Roofing Contractor Association (NRCA) and other organizations; and
 - f. Tremco-sponsored computer-based learning regarding safety.
3. Oversee the implementation of the safety and health rules and policies set forth in this Safety Policy Manual. As part of this oversight, Tremco conducts objective periodic on-site safety audits of Tremco jobsites to ensure that all employees and subcontractors are complying with the rules, policies and procedures set out in the Safety Manual.
4. Ensure that each supervisor, manager, and employee is held accountable for adhering to Tremco's commitment to safety.
5. Report, record, and investigate all accidents and incidents in a timely manner per the requirements in Tremco's EHS Incident Notification Policy.
6. Review accident reports and initiate preventive and corrective action when necessary.

Responsibilities for All Tremco Employees:

1. Be familiar with Tremco's safety policies and any updates as outlined in this Safety Policy Manual;
2. Follow safe work practices and be a good example to all those involved in the project;
3. Participate in the Daily Task Analysis conducted daily by a Project Supervisor or Lead Personnel, to review location specific details and safety evaluation of the work operation. The Daily Safety Huddle shall be incorporated into the Daily Task Analysis.
4. Plan and execute all work at the jobsite so as to comply with applicable laws, Tremco Safety Policy Manual, and any customer-specific safety program;
5. Communicate and cooperate with the safety representatives of the owner, contractor, subcontractors, and other federal, state, and local authorities;
6. Ensure that all employees reporting to superintendents, supervisors and lead representatives have successfully completed the Safety Orientation and they are familiar with Tremco's Safety Policy Manual, including but not limited to the General Safety Rules, before beginning any work on a Tremco project;
7. Wear required personal protective equipment (PPE) at all times when on a Tremco jobsite;
8. Never perform work near unprotected sides and edges without following the procedures and rules set out in Tremco's Fall Protection Policy;
9. Ask their supervisor if he or she does not understand how to perform a task safely;
10. Immediately report any event or condition on a jobsite that creates a safety risk, including an actual or potential injury to persons or property, to the Project Supervisor or Lead Personnel or the EHS Department;
11. Inspect the work area regularly and ensure that any visible or reported unsafe condition, hazard, or potential hazard is corrected as soon as possible;
12. In the event of any event or condition on a jobsite that creates a safety risk, including an actual or potential injury to persons or property (Incident), comply with Tremco's EHS Incident Notification Policy;
13. Be aware of jobsite emergency procedures including the emergency action plan, and emergency contact phone numbers; and the location of first aid kits, fire extinguishers, and how to contact the nearest emergency services;
14. Participate and cooperate with Tremco and appropriate authorities in incident investigations;

15. Comply with the Hazard Communication Policy on the project per Tremco's Hazard Communication Program, including the maintenance of the Safety Data Sheets (SDS) at the jobsite for products to be used on that project;
16. Attend appropriate safety meetings, including toolbox talks, with on-site personnel; and
17. Comply with Tremco's Drug Free Workplace Policy.
 - a. All new employees will be required to have a post-offer drug test;
 - b. Drug and alcohol testing may be required:
 - i. If there is reasonable suspicion that an employee is under the influence of drugs or alcohol;
 - ii. Subsequent to an incident resulting in an injury to any person or damage to property; or
 - iii. Subsequent to an incident or near miss which would cause a reasonable person to suspect that the incident or near miss may have been caused by an employee's impaired judgment
 - c. Any drug or alcohol use on any Tremco property or while performing any services/work on behalf of Tremco, may be considered misconduct and may be grounds for disciplinary action up to and including termination.

SAFETY ORIENTATION / TRAINING POLICY

Purpose:

The purpose of this Policy is to provide a safety orientation and work process training to new Tremco employees before they begin work on Tremco job sites.

Responsibility:

All employees who will perform work on Tremco job sites must complete the safety orientation and work process successfully before starting work. All Tremco managers must ensure completion of this safety orientation and training prior to their employees starting work.

The Tremco Administrator and Safety Department will maintain records of completion of the new employee orientation and work process training.

Requirements:

New employees must complete a new hire safety orientation prior to performing work on a Tremco job site.

To complete the orientation, each new employee must:

1. Access the orientation modules at <http://www.nrca.net/university/tremco/currentemployee>;
2. Complete the online safety training modules Fall Protection for New Roofing Employees, Low Slope Roofs, and Steep Slope Roofs;
3. Print the Certificate of Completion and send a copy to the Tremco Administrator or Safety Department;
4. Review Tremco Safety Policy Manual, via an orientation with the Tremco supervisor, and sign the Acknowledgement form provided attesting that he or she has read, understood and will comply with the policies and programs in the Safety Policy Manual; and
5. Send a copy of the signed Acknowledgement Form to the Tremco Administrator or Safety Department

To complete the work process training, each new employee must:

1. Undergo the hand-on training with Tremco supervision or authorized Tremco Trainers.
2. Submit training acknowledgement form to the Tremco Administrator or Safety Department.

No employee will be allowed to perform work on a jobsite until he or she has completed all of the above requirements, and a copy of the signed Acknowledgement Forms has been received by the Tremco Administrator or Safety Department.

DAILY TASK ANALYSIS / DAILY SAFETY HUDDLE POLICY

Purpose:

Our work processes involve steps, which, if performed incorrectly, can cause injury, illness, or harm to the environment. Others require employees to work with or around hazardous materials or to work under hazardous conditions. Supervisors, Lead Personnel, and crewmembers need a reliable accurate method of identifying and eliminating or controlling hazards. They need a method to consider all safety factors and personal protective equipment (PPE) needed to perform the task. A method that will plan and schedule work operations safely in order to control potential injury and property hazards. The Daily Task Analysis is an effective tool to help Supervisors protect the health and safety of their employees.

Requirements:

The Daily Task Analysis is a location specific document that is created by the Supervisor or Lead Personnel identifying specific daily work location potential concerns and hazards with the associated control measures. The DTA will be conducted and communicated by the Supervisor or Lead Personnel to the work crew during the Daily Safety Huddles with the employees signing off on the Daily Safety Huddle portion of the DTA. The DTA shall be submitted to the Safety Department upon its completion.

The Daily Task Analysis will:

1. Be completed and reviewed for each and every Tremco project per shift
2. Allow for input from the Supervisor or Lead Personnel and work crew concerning the work location
3. Provide a STOP WORK order if tasks change, new hazards are discovered, or rework is required.
4. Includes the Daily Safety Huddle

The Daily Task Analysis shall be audited at least twice per shift by the Supervisor or Lead Personnel to ensure the work being performed matches the DTA's instructions.

Daily Safety Huddle:

Safety huddles are short safety meetings covering a specific safety topic or type of hazard that involves the tasks that you are about to complete. Tremco requires all Project Supervisors or Lead Personnel to hold a Safety Huddle with their crews and employees, once daily per project, per shift. The huddle should take place at the beginning of the shift, before work commences for each particular project.

- Review the Daily Task Analysis for the work.
- Update the Daily Task Analysis if work conditions and methods change.
- Identify hazards of a job that is about to be started.
- Discuss causes and corrective actions for a recent accident or “near miss.”
- Discuss job hazards that should be emphasized along with safety rules that will prevent accidents.
- Identify general problems concerned with both on-job and off-job safety.



SAFETY FIRST!!

**DAILY TASK ANALYSIS
(DTA)**

Document The Plan
Communicate The Plan
Work The Plan

PROJECT NAME & LOCATION:

OVERALL PROJECT WORK TASK:

DATE: _____

SUPERVISOR or LEAD:

ASSIGNED SAFETY MONITOR(S):

SAFETY MOTTO:

Lead With SAFETY.

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WORK TASKS

*Identify Work Items to
Complete Overall Task*

1.

HAZARDS POTENTIALS

*Identify What Can Go Wrong or
How I Can Be Injured*

1.

HAZARD SOLUTIONS

*How Do I Eliminate or
Control The Hazard*

1.

If your tasks change or new hazards are encountered, STOP WORK the DTA needs to be modified!!!

PROCESS VERIFICATION

Safety Huddle

- Reviewed with work crew
- At work location
- Reviewed DTA

Permits NA

- Hot Work Permit
- Lock Out/Tag Out (LOTO)

Other: _____

PPE Verification

- Minimum PPE (Hats, glasses)
- Proper glove protection
- Inspected by employees

Safety Awareness

- Employees fit for duty
- Employees trained for this work operation
- Assignments understood by work crew
- Hazards identified
- Control measures discussed
- Safety Data Sheet (SDS) reviewed as required
- Other work in the area

General Safety

- Housekeeping maintained
- Lighting meets requirements
- Drinking water available
- GFCI used with ALL power
- Extensions cords inspected
- Tool guards & handles in place
- Fire Extinguishers in place, as needed

Material Handling

- Mechanical means are present to load and place materials
- Evaluation of _____

WORKING AT HEIGHTS

Roof Safety NA

- 100% Fall Protection at 6'
- Roof Edges w/guard rails or parapets @39"
- Hatches, Skylights and holes are covered or protected
- Warning Lines Erected properly
- Dedicated Safety Monitor being used
- Lifelines or Self Retractable lines needed
- 5000 lbs anchor point
 - Roof Cart used
 - Building steel or structure
 - Fall Arrest
 - Fall Restraint
- Rescue plan in place
- Equipment inspected
- Multi Roof Levels to travel
 - Elevation Changes >19"

Ladders NA

- 100% Fall Protection at 6'
- Inspected before use
- Ladders are secured (top & bottom)
- Step ladders opened fully
- Extension ladders set at a 4:1 ratio
- Extension ladders extend 3' above the landing
- Three (3) points of contact
- 2 workers to move portable ext. ladders

Aerial Lifts NA

- 100% Fall Protection
- Pre-shift inspection completed
- Operators trained w/card on person

LIFTING OPERATIONS

Cranes NA

- Crane Action Plan completed
- Pre-shift inspection completed
- Certified Crane Operator
- Qualified Signal Person
- Swing radius barricaded
- Load weights verified
- Power Lines identified

Rigging NA

- Qualified Rigger present
- ALL rigging has been inspected
- Pinch points discussed
- Taglines used

Mobile Equipment NA

- Pre-shift inspection completed
- Trained Operators
- Back-up alarms and spotters
- Material properly secured
- Operation Start-Up Checklist Completed (RoofTec)

ENERGY ISOLATION

Lock Out/Tag Out NA

- Locks and tags in place
- Verify power is shut down
- Employees trained and authorized
- Proper PPE utilized

Scaffolds NA

- 100% Fall Protection at 6'
- Competent Person identified
- Daily Inspection Completed
- Scaffold tag in place
- Employees trained
- Safe ladder access
- Guard rails and toe boards installed

DAILY SAFETY HUDDLE

Print Name

(Prior to beginning Project Assignment)

of Incidents Reported: _____

of Near Misses Reported: _____

Time Huddle was Conducted: _____

Supervisor or Lead Personnel Signature

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If your tasks change or new hazards are encountered, STOP WORK the DTA needs to be modified!!!

DISCIPLINARY ACTION POLICY

Purpose:

The purpose of this Policy is to communicate: (i) expected activities and behaviors related to safe work practices; and (ii) the consequences for failing to follow these activities and behaviors, on all Tremco jobsites. This Disciplinary Action Policy is intended to be consistent with the Policies provided in the U.S. Employee Policy Handbook and other Tremco provided instruction and training materials (safety requirements).

Responsibility:

It is the responsibility of all employees, including management and supervisory personnel, to observe and enforce Tremco Safety Requirements. Reporting all incidents to your Supervisor and/or Manager immediately is a core value of Tremco. Failure to report can result in disciplinary action up to and including termination.

Tremco Cardinal Safety Policies:

Cardinal Safety Policies are designed to specifically address hazards on Tremco projects and at Tremco facilities that have significant potential to create severe injury or worse.

Tremco has designated the following as Tremco Cardinal Safety Policies:

- Fall Protection Policy;
- Ladders and Stairways Policy;
- Electrical Safety Policy;
- Hazardous Energy Source Control Policy; and
- Fire Protection and Prevention Policy;

Tremco maintains a strict policy regarding willful violations of Cardinal Safety Policies on Tremco projects and at Tremco facilities. This means that any employee who willfully violates a Cardinal Safety Policy will be subject to disciplinary action up to and including immediate termination.

Tremco Cardinal Safety Rule Violations include, but are not limited to:

1. Working on a roof edge or outside the warning line without proper fall protection and personal protective equipment;
2. Working without a monitor when a monitor is required by Tremco Safety Requirements and/or direction from a supervisor;
3. Disabling or altering safety devices or guards on equipment or tools;

4. Not inspecting a ladder prior to use for defects such as missing parts, safety features, damaged rails or rungs and stress cracks;
5. Working from a ladder improperly, including over-reaching, improperly securing, carrying materials while accessing a roof top and/or working on the top step;
6. Working on live energized electrical or other energized parts;
7. Violating any other safety rule identified as a Cardinal Rule in a Tremco document.

Other Safety Violations:

Tremco will take immediate steps to correct or address any unsafe work practices and conditions that are brought to the attention of management. Violation of any Tremco safety policy may result in discipline, up to and including immediate suspension or termination of employment.

Reporting Obligation:

Any employee who observes an unsafe work practice or a condition involving a violation of a Safety Requirement or any practice or condition that raises good faith safety concerns must report it to his/her Supervisor, Lead Personnel or to the EHS Department immediately. Any employee who fails to properly and timely report an unsafe work practice or condition of which he/she is aware will be subject to discipline up to and including immediate termination of employment.

All Tremco Supervisors, Managers and/or Lead Personnel shall report any incident, near miss and/or unsafe condition to the owner/client in accordance to their direct requirements.

If you do not feel comfortable reporting a safety violation or concern to your supervisor or Tremco management, you can call THE NETWORK, a third party unaffiliated with Tremco that permits you to report concerns, including those about safety, with the option of remaining anonymous. The NETWORK phone number is 888-898-4088. Tremco prohibits discrimination or retaliation of any kind against any employee for reporting a safety concern or violation in good faith to his/her supervisor, Tremco management or THE NETWORK.

Upon receiving such information Tremco will investigate the situation and take the appropriate corrective action.

This Disciplinary Action Policy is to be read consistently with the U.S. Employee Policy Handbook and other Tremco Policies, including Tremco's policy regarding at-will employment.

EHS INCIDENT NOTIFICATION POLICY

Purpose:

The purpose of this Policy is to establish: (i) the rules for when and how Tremco employees must report any event or condition on a jobsite that creates a safety risk, including an actual or potential injury to persons or property (Incident); and (ii) procedures for conducting a first-response on-site Incident investigation.

An incident is defined as:

An event that results in personal injury, adverse environmental impact (e.g., odor complaint), property damage, workplace security and/or business interruption. Examples include, but are not limited to, first aid, OSHA recordable injuries, OSHA lost time injuries, accidents, property damage, fire/explosion, theft, vandalism and environmental spills and releases requiring regulatory notification.

A “Near Miss” incident/injury or any event that could potentially become a safety incident as described above, must be recognized and reported. Even if the incident or injury is minor, an employee is still required to report it. Examples include: slips, trips, falls, cuts, potential injurious conditions, etc. In these cases, a “record only” incident will be recorded even if the incident does not result in an actual claim.

Responsibility:

1. Supervisors, Managers and/or Lead Personnel are responsible for initiating the “5 Step Reporting Process.” (see attached diagram and Incident forms below)
 - 1) All Tremco employees are required to report all incidents, including a “near miss” incident by calling their supervisor immediately.
 - 2) Supervisors, Managers and/or Lead Personnel are to call and notify EHS Dept. Primary Contacts of the incident.
 - 3) Within one (1) hour of notification the supervisor is to send an “8 Point” Incident Notification E-Mail to notifysafety@tremcoinc.com. This will create an awareness of the incident for the top Tremco leadership, EHS Dept. leadership and appropriate HR leadership.
 - 4) Within 24 hours of the incident the Supervisor, Manager and/or Lead Personnel is to complete and submit an Initial Incident Report to the EHS Department. (All incident forms should be accessed via the Tremco Group or Tremco Roofing websites, for the most up-to-date version of the forms.)
 - 5) If necessary, the EHS Department will launch a more in-depth, comprehensive investigation with the assistance of field and regional leadership
2. IN THE EVENT OF AN INJURY, INJURED EMPLOYEES SHOULD NOT BE PERMITTED TO TRANSPORT THEMSELVES TO MEDICAL FACILITIES.

3. The Supervisor, Manager and/or Lead Personnel are responsible for identifying potential emergency situations and creating an Emergency Action Plan using the form attached below.
4. For ALL projects the Emergency Action Plan must include:
 - Procedures for reporting an emergency;
 - The nearest Occupational Medical (primary) or Emergency (secondary) treatment facility;
 - Procedures for emergency evacuation including the type of route and exit route assignments;
 - Procedures to be followed by workers who remain to operate critical equipment before they evacuate;
 - The name and job title of every emergency contact;
 - A method(s) to account for all jobsite employees after evacuation; and
 - Procedures to be followed by employees who perform any rescue or medical duties.
5. The Supervisor, Manager and/or Lead Personnel must review the Emergency Action Plan with all employees who will be covered by the plan prior to the commencement of work, whenever an employee's responsibilities under the plan change, and whenever the plan changes. The Emergency Action Plan must be available on the jobsite at all times while work is being performed by Tremco employees.
6. All employees have an obligation to cooperate fully in and assist investigations conducted by Tremco management.
7. The EHS and Human Resources Departments must ensure that any work-related injury that involves death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, loss of consciousness, or significant illness or injury diagnosed by a physician or other licensed health care professional is recorded on the OSHA-300 log.

Objectives:

It is Tremco policy to investigate Incidents involving safety issues of which we become aware, including those that result in property damage or personal injury. The goals of Incident investigation include:

1. Identifying Incidents that involve a violation of Tremco policies and/or actions or conditions that may present a risk to the health or safety of Tremco employees or third parties;
2. Taking appropriate corrective action (including but not limited to disciplinary action in accordance with Tremco policies) to prevent the recurrence of any Incident that presents a health or safety risk; and
3. Obtaining information that will help Tremco to identify and implement adjustments to administrative controls designed to ensure safe work practices on Tremco jobsites.
4. Communicate progress and resolution appropriately with customers, contractors and the public.

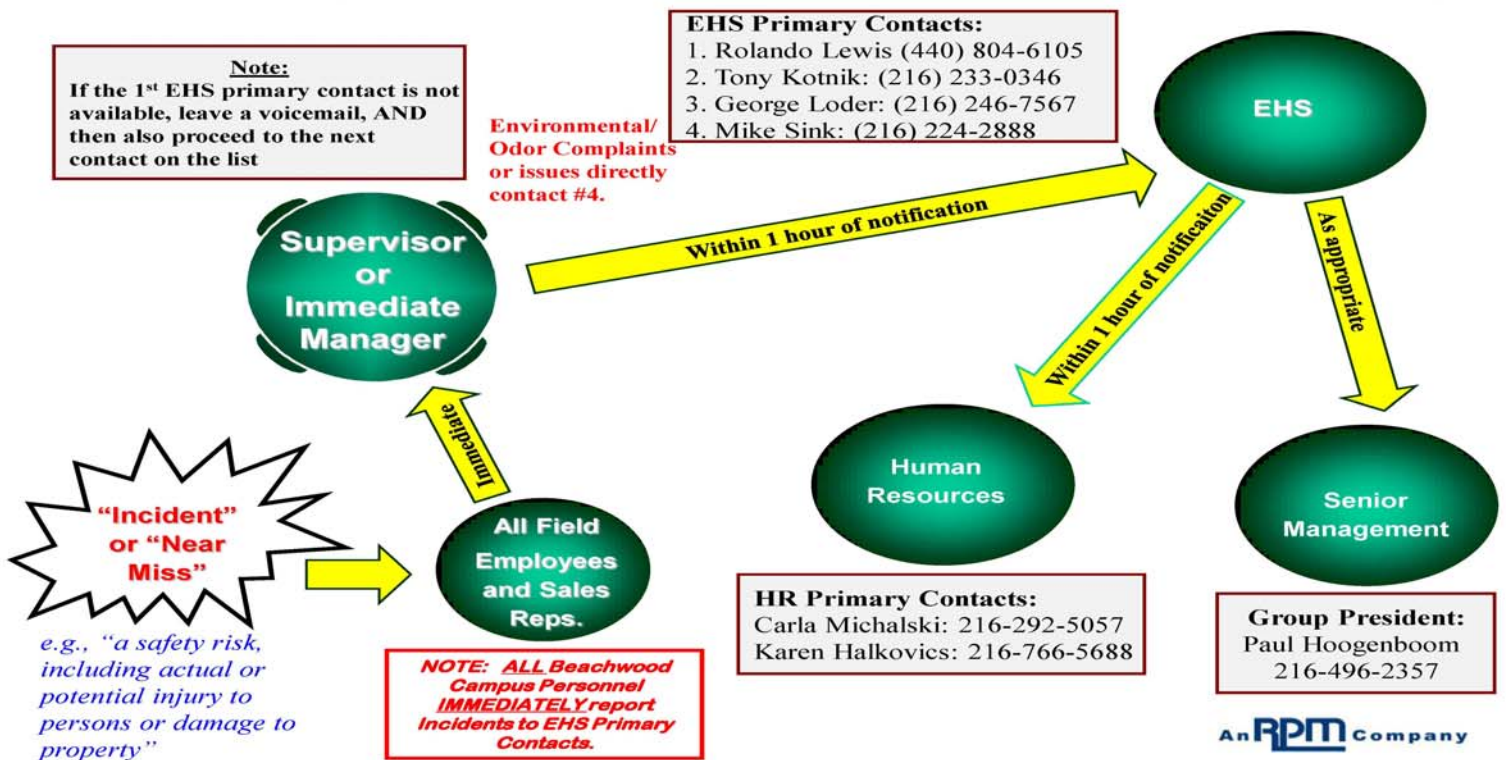
When an Investigation Must Be Conducted:

All Accidents and Near Miss Incidents that occur in the course of Tremco business, including but not limited to during sales calls or service work activities, must be investigated in accordance with this Policy. Tremco management may also, in its discretion, investigate incidents that are not Accidents or Near Miss Incidents.

First-Response Investigation Procedure for Accidents and Near Miss Incidents:

Any Tremco employee who becomes aware of an Incident on a jobsite must notify the EHS Department and participate in the 5 Step Reporting Process per the requirements of this Policy given above. The following procedure must be followed by Tremco employee conducting first- response investigations:

1. When entering the scene of the Incident, check for existing unsafe conditions including slip/trip and fall hazards, exposed power sources (overhead or underground), and unguarded or exposed equipment. Take appropriate precautions to ensure your personal safety and that of other Tremco employees and third parties on site. Follow all Tremco safety rules and policies when conducting the first-response investigation.
2. When an Incident involves personal injury, take all necessary steps to ensure that the injured person(s) receives the necessary and appropriate first aid as quickly as possible. If the injury can be treated with minor first aid, treat the injury immediately on site. If the injury requires more than minor first aid, transport the injured person to the nearest medical facility for treatment. If the injury is severe, call 911 immediately to obtain emergency medical services and ambulance transportation for the injured person. If you are in doubt as to the severity of the injury, call 911.
3. Secure the job site and leave everything in the condition it was in when you arrived as long as the scene is made safe.
4. As soon as necessary first aid has been provided to any injured person(s) and the site has been secured, notify your supervisor and follow the 5 Step Reporting Process.
5. Obtain and record the names of all witnesses and the contact information of any witnesses that are not Tremco employees.
6. Observe the site for any unsafe conditions that may have contributed to the Incident.
7. Take photographs to record existing conditions if possible.
8. After taking photographs, collect and catalog any material that was involved in or may have contributed to the Incident.



IN THE EVENT OF ANY INCIDENT THE "5 STEP REPORTING PROCESS" IS AS FOLLOWS:

1. Train **ALL** employees to report incidents to their supervisor **IMMEDIATELY!**
2. Supervisors are to call and notify EHS Primary Contacts of the incident. (Refer to above order of contacts) ****NOTE: IN THE EVENT OF AN INJURY, INJURED EMPLOYEES SHOULD NOT BE PERMITTED TO TRANSPORT THEMSELVES TO MEDICAL FACILITIES.****
3. Within 1 hour of notification the supervisor is to send an "8 Point" Initial Incident E-Mail to **ALL** e-mail addresses listed below:

rjlewis@tremcoinc.com
tkotnik@tremcoinc.com
gloder@tremcoinc.com
msink@tremcoinc.com
ibasch@tremcoinc.com
phoogenboom@tremcoinc.com

*Lotus Notes (type in field): **NOTIFY SAFETY**

The e-mail should be written in the format below:

- **Project Name and Location:** (Please provide address, if known)
- **Name(s) of Employee(s) involved in Incident:**
- **Employee(s) contact info:**
- **Employee's Supervisor & contact info:**
- **Incident Type:** (e.g. First Aid, Recordable Injury, Lost Time Injury, Property Damage, Near Miss, Record Only)
- **Date & Time of Incident:**
- **Brief Description of Incident:** (e.g. THE G.S. EMPLOYEE WAS IN A MANLIFT PAINTING A FIRE LINE PIPE WITH A 5' POLE AND A 7" ROLLER. WHILE PAINTING THE EMPLOYEE EXPERIENCED A SHARP PAIN IN HIS RIGHT SHOULDER. HE CONVEYS THAT HE DID NOT OVER EXTEND HIS REACH, NOR DO ANYTHING OUTSIDE OF STANDARD OPERATING PROCEDURES AND THE PRE-TASK ANALYSIS. THE EMPLOYEE WAS TAKEN TO RIVER CITY HEALTH CLINIC. THERE IS NO UPDATE AS OF YET. MORE INFORMATION IS TO FOLLOW.)
- **Immediate Corrective Action:**

4. Within 24 hours of the incident the supervisor is to complete and submit an Initial Incident Report to the EHS department. (An example of the Initial Incident Report Form is attached; however the PDF fillable form is to be submitted electronically.)
5. If necessary, the EHS Department will launch a more in-depth, comprehensive investigation with the assistance of field and regional leadership



Incident "8 Point" Notification E-mail

Date:

INCIDENT INFORMATION:

*Point 1

Project Name:

Project Location:

*Point 2

Name(s) of Employee(s) involved in Incident:

*Point 3

Employee(s) Contact Info:

*Point 4

Employee's Supervisor & Contact Info:

*Point 5

Incident Type:

- First Aid
 Recordable Injury
 Lost Time Injury
 Property Damage
 Near Miss
 RECORD ONLY
 Other/Comments

*Point 6

Date and Time of Incident:

Time Incident was reported to Supervisor:

*Point 7

Brief Description of Incident:

***Point 8** IFA #021-D – Roofing and Building Envelope Service

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Any Immediate Corrective Actions:

Submit to NotifySafety

PRINT

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TREMCO INITIAL INCIDENT REPORT

TYPE OF INCIDENT: INJURY/ILLNESS NEAR MISS PROPERTY DAMAGE
 OTHER ()

| | | | |
|-------------------|-------------------------|----------------------------------|----------------|
| BASIC INFORMATION | PROJECT NAME & ADDRESS: | MEDICAL FACILITY NAME & ADDRESS: | INCIDENT DATE: |
| | | | INCIDENT TIME: |

| | | | |
|---|--|--|---|
| INJURY CLASSIFICATION | <input type="checkbox"/> FIRST AID | <input type="checkbox"/> RESTRICTED/TRANSFERRED* | <input type="checkbox"/> LOST TIME* (CHECK THE BOX THAT BEST IDENTIFIES THE INJURY) |
| | <input type="checkbox"/> MEDICAL BEYOND FIRST AID* | <input type="checkbox"/> OSHA RECORDABLE* | <input type="checkbox"/> RECORD ONLY |
| COMMENTS/CLARIFICATIONS (OTHER): | | | |
| EMPLOYEE TREATED: <input type="checkbox"/> ON SITE <input type="checkbox"/> OFFSITE (IF OFFSITE, PROVIDE TREATMENT LOCATION): | | | N/A: <input type="checkbox"/> |

| | | | |
|-------------------|---------------------------------------|--|---|
| EMPLOYEE INVOLVED | NAME: | JOB TITLE: | GENDER: <input type="checkbox"/> MALE <input type="checkbox"/> FEMALE |
| | TASK PERFORMING AT TIME OF INCIDENT: | | TIME SHIFT BEGAN: |
| | INCIDENT LOCATION (JOBSITE SPECIFIC): | | LENGTH OF EXPERIENCE: YEARS MONTHS |
| | CONTACT NUMBER: | TREMCO Orientation: <input type="checkbox"/> YES <input type="checkbox"/> NO | START DATE ON THIS JOB: |

| | | |
|--|-------------------|------------------------------|
| EMPLOYMENT STATUS: <input type="checkbox"/> PART TIME <input type="checkbox"/> FULL TIME | TREMCO HIRE DATE: | PAYROLL: (Please Select One) |
| DIVISION & LOCATION: (Please Select One) | | |
| SUPERVISOR NAME: | CONTACT NUMBER: | WORK REGION: |

| | | |
|---|--|-----------------|
| WITNESS INFORMATION | NAME: | CONTACT NUMBER: |
| | STATEMENT PROVIDED? <input type="checkbox"/> YES <input type="checkbox"/> NO | |
| <i>* If OSHA Recordable, DART, or Lost Time Incident, Obtain Witness Statements and Attach Photos as Required</i> | | |

| | | | | | | |
|--|--|---|---|--|---|--|
| INJURY/ILLNESS INFORMATION | INCIDENT TYPE (CHECK ALL THAT APPLY) | | | INJURY/ILLNESS TYPE (CHECK ALL THAT APPLY) | | |
| | <input type="checkbox"/> 01 - STRUCK BY | <input type="checkbox"/> 05 - SAME LEVEL FALL | <input type="checkbox"/> 09 - INHALATION | <input type="checkbox"/> 01 - ABRASION | <input type="checkbox"/> 05 - AMPUTATION | |
| | <input type="checkbox"/> 02 - STRUCK AGAINST | <input type="checkbox"/> 06 - FALL TO BELOW | <input type="checkbox"/> 10 - HEAT | <input type="checkbox"/> 02 - PUNCTURE | <input type="checkbox"/> 06 - BURN | |
| | <input type="checkbox"/> 03 - CAUGHT IN/ON | <input type="checkbox"/> 07 - LIFTING/PUSH/PULL | <input type="checkbox"/> 11 - OTHER () | <input type="checkbox"/> 03 - LACERATION | <input type="checkbox"/> 07 - FRACTURE | |
| | <input type="checkbox"/> 04 - CAUGHT BETWEEN | <input type="checkbox"/> 08 - ELECTRICAL | <input type="checkbox"/> 12 - N/A | <input type="checkbox"/> 04 - CRUSHING | <input type="checkbox"/> 08 - SPRAIN/STRAIN | |
| BODY PART AFFECTED (CHECK ALL THAT APPLY) | | | | | | |
| <input type="checkbox"/> 01 - HEAD | <input type="checkbox"/> 05 - BACK | <input type="checkbox"/> 09 - ARM | <input type="checkbox"/> 13 - LEG | | | |
| <input type="checkbox"/> 02 - FACE | <input type="checkbox"/> 06 - CHEST | <input type="checkbox"/> 10 - HAND | <input type="checkbox"/> 14 - KNEE | | | |
| <input type="checkbox"/> 03 - EYE | <input type="checkbox"/> 07 - SHOULDER | <input type="checkbox"/> 11 - FINGER | <input type="checkbox"/> 15 - FOOT/ANKLE | | | |
| <input type="checkbox"/> 04 - NECK | <input type="checkbox"/> 08 - ELBOW | <input type="checkbox"/> 12 - GROIN/HERNIA | <input type="checkbox"/> 16 - OTHER () | | | |
| PROJECT STATUS (CHECK ALL THAT APPLY) | | | OTHER CONTRIBUTING FACTORS (CHECK ALL THAT APPLY) | | | |
| <input type="checkbox"/> COMPRESSED SCHEDULE | <input type="checkbox"/> GC | <input type="checkbox"/> WEATHER | <input type="checkbox"/> BEHAVIOR | | | |
| <input type="checkbox"/> FIRST 10% | <input type="checkbox"/> GS | <input type="checkbox"/> HOUSEKEEPING | <input type="checkbox"/> NOT COMPLIANT TO POLICY | | | |
| <input type="checkbox"/> LAST 10% | <input type="checkbox"/> EXTENDED HOURS | <input type="checkbox"/> BODY POSITIONING | <input type="checkbox"/> LACK OF PREVENTATIVE MAINT. | | | |
| <input type="checkbox"/> OFF HOURS WORK | <input type="checkbox"/> SALES VISIT | <input type="checkbox"/> LACK OF TRAINING | <input type="checkbox"/> FAULTY EQUIP./LACK OF INSPECTION | | | |

| | | | |
|-------------------------|--|--|--|
| DESCRIPTION OF INCIDENT | | | |
|-------------------------|--|--|--|

| | | | |
|---------------------|--|--|--|
| ROOT CAUSE ANALYSIS | ROOT CAUSES = WHY INCIDENT OCCURRED (IDENTIFY AT LEAST THE TOP 3) | | |
| | 1. (Please select the most appropriate 1st Root Cause of the incident) | | |
| | 2. (Please select the most appropriate 2nd Root Cause of the incident) | | |
| | 3. (Please select the most appropriate 3rd Root Cause of the incident) | | |
| | 4. (Please select the most appropriate 4th Root Cause of the incident) | | |

| CORRECTIVE ACTIONS | SMART (Specific, Measurable, Achievable, Result-oriented, Time-bound) | ACTION BY | DUE DATE | CLOSED |
|--------------------|---|-----------|----------|--------------------------|
| 1. | | - | | <input type="checkbox"/> |
| 2. | | - | | <input type="checkbox"/> |
| 3. | | - | | <input type="checkbox"/> |
| 4. | | - | | <input type="checkbox"/> |

| | | | | |
|-------------|------------------------|-------|-------------|-------|
| *SIGNATURES | INJURED EMPLOYEE: | DATE: | SUPERVISOR: | DATE: |
| | REGIONAL/ PROJECT MGR: | DATE: | | |

| | | | | |
|---------------------------------|-----------------|------------|------------------|-------|
| *HUMAN RESOURCES SECTION (ONLY) | EMPLOYEE D.O.B: | WAGE RATE: | Submit By E-Mail | Print |
| | S.S.N. | | | |



**TREMCO INCIDENT/ACCIDENT
WITNESS STATEMENT FORM**

Person Taking Statement: _____
Name Position/Title

Injured Employee: _____
Name Supervisor

Project Name Location (city, state)

Date and Time of Incident/Accident _____

On-site Location of Incident/Accident _____
(i.e. office, dept., column, bay, location on roof, etc.)

Witness: _____
Name Contact Info Supervisor

Witness's Location
or observation point
at time of incident: _____

WITNESS STATEMENT

Witness's Statement
as to Observations
& Cause of
Incident/Accident:

Witness's Signature

Date



**TREMCO INJURED EMPLOYEE
STATEMENT FORM**

Person Taking Statement: _____
Name Position/Title

Injured Employee: _____
Name Supervisor

Project Name Location (city, state)

Date and Time of Incident/Accident _____

On-site Location of Incident/Accident _____
(i.e. office, dept., column, bay, location on roof, etc.)

STATEMENT OF INJURED EMPLOYEE

Injured Employee's Statement as to Cause of Incident/Accident:

Injured Employee's Signature

Date

If Injured Employee has not signed this Statement, please give reason:

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EMERGENCY ACTION PLAN

Job Location Description:

Facility Name: _____

Facility Address: _____

Supervisor's Name: _____

Lead Representative's Name: _____

Phone: _____

Date Prepared: _____

Date(s) Updated: _____

Emergency Plan Coordinator:

_____ (name of person or title) is responsible for developing this Emergency Action Plan, communicating the contents of the plan to all employees working on the jobsite and maintaining a copy of this plan on the jobsite at all times while work is being performed by Company employees.

The Emergency Plan Coordinator can be reached at (phone number) _____

(location) _____

Location of Equipment:

All company employees must know the location of equipment specified below on Company job-sites:

- Emergency phones and phone numbers;
- First aid kits and stations;
- Fire extinguishers; and
- The nearest emergency treatment facility.

Reporting Procedures:

For the table below, list the types of emergencies that could occur at the jobsite and how employees should report them. Report options include telephone numbers, walkie-talkies, in-person communication, etc. Employees must also notify external emergency responders of any emergency on a company jobsite.

Type of Emergency/How to Report Emergency

Fire / _____

Weather / _____
 Bomb threat / _____
 Chemical Spill/Leak / _____
 Violence / _____
 Medical / _____
 Other (list) _____ / _____
 Other (list) _____ / _____

Alarm System:

In the event of an emergency requiring evacuation of the roof or building, the following alarm system will be used to notify employees (check all that apply):

- Vehicle horn
- Verbal communication
- Air horn
- Building (owner) alarm system
- Other (specify) _____
- Other (specify) _____

Emergency Evacuation Plan:

The emergency evacuation plan must include more than one evacuation option unless only one option is feasible. The Emergency Plan Coordinator must include evacuation procedures for the roof and the building:

Roof Evacuation Procedures are as follows:

Building Evacuation Procedures are as follows:

Emergency escape procedures and route assignments must be reviewed by all employees prior to the commencement of work and any time that there is a change and must be available on the job-site at all times while Company employees are on site.

Critical Operations:

If any emergency occurs on a project involving compressed gas, propane, combustion equipment, electrical lines, or pipe lines, shut down energy sources prior to evacuation if the shut down procedures do not endanger human health and safety.



EMERGENCY CONTACT LIST

(Must be completed for each Emergency Action Plan)

Project Address:

Project Telephone: _

Project (Customer) Contact: _

Main Office Telephone: 216-292-5000

Main Office Address: 3735 Green Road, Beachwood, OH 44122

Local Police Telephone:

Local Fire Telephone:

Local EMS Telephone:

Local Hospital Address:

Local Hospital Telephone:

Directions to the nearest hospital (attach a map or provide directions to a local hospital):

FIRST AID MEDICAL TREATMENT POLICY

Purpose:

The purpose of this Policy is to establish rules for first aid and medical treatment services that must be available at Tremco jobsites. It applies to all Tremco personnel at Tremco jobsites.

Responsibility:

The Supervisor, Manager and/or Lead Personnel for Tremco will be responsible for ensuring that first aid and medical treatment capabilities as described below are available at all times on Tremco jobsites.

Definitions:

First Aid as defined by OSHA includes:

1. Using a nonprescription medication at nonprescription strength;
2. Using wound coverings such as bandages, Band-Aids™, gauze pads, etc.;
3. Cleaning, flushing, or soaking wounds on the surface of the skin;
4. Using hot or cold therapy;
5. Using any non-rigid means of support, such as elastic bandages, wraps, non-rigid back belts, etc.;
6. Using any temporary immobilization devices while transporting a victim;
7. Draining fluid from a blister;
8. Removing foreign bodies from the eye using only irrigation or a cotton swab;
9. Using finger guards;
10. Removing splinters or foreign material from areas other than the eye by irrigation, tweezers, cotton swabs or other simple means;
11. Use of a massage; and
12. Drinking fluids for relief of heat stress.

All treatments for illness or injury that are not listed in 29 CFR 1904.7(b)(5) are considered “medical treatment.”

Tremco employees should understand that multiple applications of first aid do not represent medical treatment. It is the nature of the treatment, not how many times it is applied, that defines whether the treatment rendered is classified as first aid or medical treatment.

Requirements:

All Tremco employees must comply with OSHA first aid and medical treatment requirements as follows:

1. 29 CFR 1910.151 – Medical and First Aid
2. 29 CFR 1910.1030 – Bloodborne Pathogens
3. 29 CFR 1926.23 – First Aid and Medical Attention
4. 29 CFR 1926.50 – Medical Services and First Aid

General Requirements for First Aid and Medical Treatment:

Pre-Job Planning:

Prior to the commencement of work on any Tremco jobsite, Supervisor, Manager and/or Lead Personnel must:

1. Determine the location of the nearest emergency medical treatment facility (clinic, hospital or physician), (EMS); and
2. In areas where 911 services are not available, post the phone numbers of nearby EMS facilities on the jobsite.

If the nearest medical treatment facility is more than 3 to 4 minutes away from the job site by car, no Tremco employee can perform work on the site unless there is a person on-site who has a valid first aid training certificate. All Tremco employees trained as first aid providers must also be trained on the requirements of 29 CFR 1910.1030, Bloodborne Pathogens.

All Tremco employees should also familiarize themselves with the jobsite's Emergency Action Plan and comply with its requirements, including the preparation of an Emergency Contact List for each Tremco project.

First Aid Kits:

A first aid kit must be available on all Tremco trucks at all times. First aid kits must be in weatherproof containers and inspected frequently (a minimum of weekly) to ensure the availability of an adequate number of sealed first aid supplies. The inspection status must be in the form of a tag attached to each first aid kit and must contain the date and initials of the person completing the inspection. In the event that an employee uses any first aid supplies from the first aid kit, he/she must promptly notify the Supervisor, Manager and/or Lead Personnel so that replacement supplies can be provided.

Corrosive Materials:

When Tremco employees are working with corrosive materials, facilities for the flushing of the eyes or body must be provided for immediate use. Corrosive materials are defined as a chemical that causes visible destruction or irreversible alterations in tissue by chemical action at the site of contact. Examples of corrosives are chemicals with either high pH (such as sodium hydroxide) or low pH (such as sulfuric acid). A source of information on the corrosive nature of a chemical is the Safety Data Sheet (SDS). Flushing equipment used for this purpose must conform to ANSI Z358.1 standards. Some basic ANSI Z358.1 standards include:

- Safety Showers: A minimum of 20 GPM flow at 30 psi for 15 minutes.
- Eyewash Stations: A minimum of 0.4 GPM flow at 30 psi for 15 minutes.
- Eye / Face Wash Units: A minimum of 3 GPM flow at 30 psi for 15 minutes.

Injuries and Illness on a Jobsite:

In the event of a serious accident or injury on a jobsite, 911 or EMS must be called immediately. If there is any doubt regarding whether an accident or injury should be considered serious, call 911 or EMS.

In the event that an employee on a jobsite suffers any injury or illness that requires treatment other than first aid (as defined above) the employee should be driven to the nearest medical treatment facility as soon as possible. Injured or ill employees may never drive themselves to a medical treatment facility.

Any employee who suffers an injury or illness that requires treatment other than first aid on a jobsite must promptly report it to his/her supervisor in accordance with Tremco's EHS Notification Policy.

HAZARD COMMUNICATION PROGRAM

Purpose:

The purpose of this Program is to ensure Tremco employees have appropriate information regarding the chemicals they may encounter in the workplace and are trained on measures to protect themselves and others from potential hazards associated with exposure to those chemicals.

Responsibility:

A Tremco Administrator is designated as the Program Administrator for this Program. The responsibilities of the Program Administrator are set forth below.

The EHS Department will train and advise all Tremco employees on all tools and processes involved with the program. They will also monitor the successful execution of the program by Tremco employees.

The Supervisor, Manager and/or Lead Personnel on each Tremco project is designated as the Project Administrator for that Project. The responsibilities of the Project Administrator are set forth in detail below.

Chemical Inventory Lists:

The Program Administrator will ensure that a master chemical inventory list is maintained for all products used on Tremco projects at Tremco's main office. The master chemical inventory list will be made available for review to any Tremco employee upon request.

The Project Administrator must create a job-specific chemical inventory list, using the attached Chemical Inventory List, for each Tremco project, listing all products to be used on the job. Project specific chemical inventory lists must be maintained on the jobsite for the duration of the project and made available upon request to all employees assigned to the project.

When a new product, not on the master chemical inventory list, arrives on a jobsite, the Project Administrator must send a copy of the Safety Data Sheet (SDS) for the product to the Program Administrator. The Program Administrator will ensure that the new product is added to the master chemical inventory list. The master chemical inventory list must be placed in the project file upon completion of the project.

Safety Data Sheets (SDS):

The Program Administrator is responsible for establishing and monitoring Tremco's SDS program. The EHS Department must establish a process for ensuring that SDS's are obtained for all products used on Tremco projects and updated versions of SDS's are obtained from product manufacturers on a regular basis. The Program Administrator must also ensure that copies of the most recent SDS for all products used on Tremco projects are maintained at Tremco's main office and

distributed to all Site-Specific Project Leadership on a regular basis. The complete set of SDS's maintained by the Program Administrator will be made available to any Tremco employee upon request. The Program Administrator will also establish a procedure for review of incoming SDS's for new or significant health and safety information and for communicating this information to all Tremco employees who may be working with or around the relevant products.

For each Tremco project, the Project Administrator is responsible for maintaining copies of SDS's for all products used on the project. The SDS must be maintained on the jobsite for the duration of the project and made available upon request to any employee working on the project.

An SDS must include the 16 part format as required of the Globally Harmonized System. The items most commonly found are:

1. Chemical / material identity used on label;
2. Chemical and common names of ingredients or mixture;
3. Physical / chemical characteristics;
4. Physical hazards;
5. Health hazards;
6. Primary routes of entry;
7. Exposure limits;
8. Safe handling procedures;
9. Control measures / special protection;
10. Emergency and first aid procedures;
11. Special precautions; and
12. Name, address and telephone number of the manufacturer.

Container and Warning Labels:

Except as specifically set forth below, all containers used on Tremco projects will be labeled. Labels must contain, at a minimum, the following information:

1. The identity of the chemical(s);
2. All potential hazards associated with the chemical(s); and
3. The name, address and telephone number(s) of the product manufacturer.

The Project Administrator for each Tremco project must ensure that all products used on the project are properly labeled and that the labels are securely affixed to product containers. No product may be used on a Tremco project unless the product container is properly labeled in accordance with this Program.

All portable containers used on Tremco projects must be dedicated to a single chemical. With the exception of containers for hot asphalt, all portable containers must be labeled in accordance with this Program. All Tremco employees are required to read and comply with Tremco's Personal Protective Equipment Policy.

Non-Routine Tasks:

On occasion, Tremco employees are required to perform non-routine tasks that may involve the use of hazardous substances. On such occasions, a special training course will be conducted to inform employees of the potentially hazardous chemicals to which they may be exposed during non-routine operation and the measures that must be taken to work safely with these chemicals.

Training:

The EHS Department is responsible for ensuring that all employees who potentially could be exposed to hazardous chemicals in the course of their employment with Tremco receive training in the elements of this Program prior to performing work on any Tremco project. This training will include:

1. A summary of this Program;
2. Methods of detecting hazardous chemicals, including a description of the hazardous chemical and physical properties;
3. Health hazards and signs or symptoms of overexposure;
4. Proper work practices for working with hazardous substances;
5. PPE selection;
6. Emergency procedures and first aid for spills and other exposures;
7. Locations of SDS and this Program;
8. How to read an SDS;
9. The labeling system that Tremco uses and how to interpret the information contained on the label; and
10. How to obtain additional information.

Periodic training will be conducted to further inform Tremco employees of the potential risks of hazardous chemicals and methods of safeguarding themselves. At least annually, refresher training will be conducted to acquaint all employees with this Program and any minor changes made to the Program in the prior year. If significant changes are made to the Program, re-training will promptly be provided to all affected employees.

Additional training must be conducted by the Project Administrator on the specific chemicals that employees may be exposed to on each project prior to the commencement of work. At a minimum, The Project Administrator must be able to select the proper PPE for any given chemical and direct technical questions to the Program Administrator.

Multi-Employer Work Places

When Tremco employees are working on a jobsite at the same time as employees of one or more other contractors, the Project Administrator must:

1. Provide the other contractors on-site management with copies of SDS's for any chemicals that will be used by Tremco employees on the project that the other contractors employees may be exposed to in the course of their work;
2. Inform the other contractors on-site management of any precautionary measures that need to be taken to protect the other contractors employees from potential hazards due to exposure to chemicals that will be used by Tremco employees on the jobsite during normal operation or in foreseeable emergencies; and
3. Provide the other contractors on-site management with an explanation of Tremco's container labeling system.

HOUSEKEEPING AND SANITATION POLICY

Purpose:

The purpose of this Policy is to establish rules for housekeeping and sanitation on Tremco projects.

Responsibility:

All Tremco employees are responsible for good housekeeping and sanitation practices as set forth in this Policy. Any employee who observes any violation of this Policy on a Tremco project or on Tremco property must immediately report it to his/her supervisor per the requirements in Tremco's EHS Incident Notification Policy.

Requirements:

All Tremco employees must, at minimum, comply with OSHA requirements for housekeeping and sanitation. OSHA includes requirements related to housekeeping and sanitation in the following sections of the Code of Federal Regulations:

1. 29 CFR 1926 Subpart C – General Safety and Health
 - 29 CFR 1926.25 – Housekeeping
 - 29 CFR 1926.27 Sanitation
 - 29 CFR 1926.34 Mean of Egress
2. 29 CFR 1926 Subpart D – Occupational Health and Environmental Controls
 - 29 CFR 1926.51 Sanitation
3. 29 CFR 1926 Subpart H – Materials Handling, Storage, Use and Disposal
 - 29 CFR 1926.252 – Disposal of Waste Materials

General Requirements:

All work areas must be cleaned daily and materials stored properly. The following list of requirements must be executed throughout the workday:

1. All cords and materials must be kept clear of ladder and stair landings to reduce slip and trip hazards.
2. All working areas, including passageways and ladders and stairs must be kept clear of both water and vacuum hoses.
3. All working areas, including passageways and ladders and stairs must be kept clear of debris.
4. Nails in scrap lumber must be removed or bent over to prevent potential puncture or scraping hazards. All Tremco employees must comply with the requirements in Tremco's Personal Protective Equipment Policy.

5. Containers must be provided for the collection and separation of waste, trash, oily and used rags, and other refuse. Containers used for garbage and other oily, flammable, or hazardous wastes, such as caustics, acids, harmful dusts, etc. must be equipped with covers.
6. Garbage and other waste and scrap materials must be disposed of at frequent and regular intervals.
7. Trash containers must be placed away from doors and windows.
8. Whenever possible, trash containers must be placed on hard and level surfaces.
9. Whenever materials are dropped more than 20 feet to any point lying outside the exterior walls of the building, an enclosed chute of wood, or equivalent material, must be used. For the purpose of this Policy, an enclosed chute is a slide, closed in on all sides, through which material is moved from a high place to a lower one.
10. When debris is dropped through holes in the floor without the use of chutes, the area onto which the material is dropped must be completely enclosed with barricades not less than 42 inches high and not less than 6 feet back from the projected edge of the opening above. Signs warning of the hazard of falling materials must be posted at each level. Removal must not be permitted in this lower area until debris handling ceases above.

On some projects, certain waste materials must be separated for recycling. If you have questions regarding the proper disposal of waste materials on a project, consult your supervisor prior to the commencement of work.

Work Areas:

1. Work gloves must be worn by employees to handle cleanup of lumber and materials.
2. Personal trash or unidentifiable trash must be removed from the work area.
3. Take breaks only at dedicated locations and stay out of electrical rooms and hazardous work locations during breaks.
4. Glass bottles are not allowed in the work area.

Water:

An adequate supply of potable water must be provided on every jobsite. Potable water must meet the quality standards set by the US Health Department and the listed requirements below must be followed.

1. If potable water is provided in a container, the container must be capable of being tightly closed and have a tap. Potable water cannot be dipped.
2. Any container used to distribute drinking water must be clearly marked and not used for any other purpose.
3. If used, single-use disposable cups must be provided in a sanitary container. A trash receptacle for used cups must be provided.

4. Outlets for non-potable water must be labeled with signs that clearly indicate that the water is unsafe and must not be used for drinking, washing or cooking. Caution signs must have yellow as the predominant color; black upper panel and borders; yellow lettering of “caution” on the black panel’ and the lower yellow panel for additional sign wording, which must be in black. An example of a caution sign is given below:



Means of Egress:

All exits must be clearly marked and maintained free of obstruction and allow egress at all times when the building is occupied. If any Tremco employee notices a lack of exit signage or obstructions, he/she must immediately alert the jobsite supervisor.

PERSONAL PROTECTIVE EQUIPMENT (PPE) POLICY

Purpose:

The purpose of this Policy is to establish requirements for the use of personal protective equipment (PPE) to protect Tremco employees when engineering and administrative controls cannot be used or do not provide sufficient protection from exposure to hazards.

Responsibility:

Employees must arrive for work on Tremco job sites dressed in proper clothing suitable for construction work and in accordance with this Policy. Other required PPE will be provided by Tremco. **Employees on Tremco job sites must wear all required PPE including, at a minimum, hard hats, safety glasses and high-visibility vests, high visibility t-shirts, etc.** Beyond these minimum requirements, the Supervisor, Manager and/or Lead Personnel must determine the appropriate PPE for each task performed by Tremco employees, in accordance with this Policy. Any employee who has questions regarding the correct PPE for a particular job or activity should contact the EHS Department prior to the commencement of the work.

Requirements:

All Tremco employees must comply with the General Safety Rules as specified in this Safety Policy Manual, and with OSHA personal protective equipment requirements. These include:

1. 29 CFR 1926 Subpart E - Personal Protective and Life Saving Equipment
 - 1926.95 - Criteria for Personal Protective Equipment.
 - 1926.96 - Occupational Foot Protection.
 - 1926.100 - Head Protection.
 - 1926.101 - Hearing Protection.
 - 1926.102 - Eye and Face Protection.
 - 1926.103 - Respiratory Protection.
 - 1926.104 - Safety Belts, Lifelines, and Lanyards.
 - 1926.105 - Safety Nets.
 - 1926.106 - Working Over or Near Water.
 - 1926.107 - Definitions Applicable to This Subpart.

Proper Clothing:

All employees working on Tremco job sites must wear proper clothing for construction work. Tremco safety policy mandates that at a minimum, employees must wear shirts with sleeves of at least four inches (4") in length, high visibility gear and long pants without cuffs. As a general policy, shirts should be tucked into pants at all times.

Foot Protection:

Sturdy, hard-soled leather work boots must be worn at all times by employees working on Tremco job sites. During all Tremco cleaning operations, workers are to wear Slip/Chemical Resistant work boots or over boots. **Sneakers or hiking boots are not allowed.** Boots should be cleaned and properly maintained as needed. Boots must be inspected regularly for tears and worn conditions of slip resistant areas.

Head Protection:

Tremco-issued hardhats must be worn in all areas of the project. A bump cap is not an approved hardhat and must not be used.

Hardhats must be inspected regularly. Shells need to be checked for dents, cracks, penetrations, and other damage that may compromise the hardhat's effectiveness. Conditions of extreme cold, heat, exposure to sunlight, and chemicals may make the shell brittle. If any signs of overexposure or worn condition exist, do not use the hardhat. Turn the damaged or defective hardhat in to your supervisor and obtain a new hardhat before commencing work.

Suspensions must be checked for cracking, torn adjustment slots, fraying, and damaged suspension lugs. If any defective or damaged condition exists, report it to your supervisor and obtain a new hardhat. Keep hardhats clean and follow the manufacturer's recommendations for removal, maintenance, and replacement.

Eye and Face Protection:

At a minimum, employees are required to wear safety glasses on all job sites at all times. Additional eye and/or face protection may be necessary based on the specific task being completed, including but not limited to goggles, face shields, welding hoods, cutting goggles, and prescription safety eyewear. Eye protection is particularly important when performing tasks such as chipping, breaking, grinding, saw cutting, stripping or scraping material, when using powder-actuated tools, or where other hazards exist. When power washing with a hand wand face shields are always required.

Hand Protection:

Hand protection is used to minimize or eliminate the risk of severe abrasions, punctures, chemical burns, thermal burns, and other skin absorption exposures. For chemical solvents and adhesives, a neoprene or nitrile rubber glove should be used. Consult the Safety Data Sheet (SDS) for the correct glove when using chemicals. In most cases, long sleeve shirts should be buttoned over the cuffs of the gloves, forming a continuous body covering for hands and arms.

Inspect gloves on a regular basis to ensure that there are no cuts or tears that could expose skin or allow dangerous substances to make contact with the skin. If any damage or defects are discovered, turn gloves in to your supervisor and obtain a new pair before commencing work.

Hearing Protection:

Hearing protection must be available and worn by personnel exposed to sound levels above Permissible Exposure Limits as established by OSHA in CFR 1926.52. A general rule of thumb is that if you have to raise your voice to speak to an employee who is three feet away, hearing protection is required. Hearing protection shall be used when engaged in the Tremco Truck Start-Up Process and during all active Tremco work procedures.

The following are examples of hearing protection devices:

1. Ear Muffs;
2. Ear Plugs; and
3. Canal Caps.

If you are unsure whether hearing protection is required on a particular job or when performing a particular task, consult your supervisor or the EHS Department prior to the commencement of work.

FIRE PROTECTION AND PREVENTION POLICY

Purpose and Scope:

The purpose of this Policy is to establish rules to reduce fire hazards on Tremco projects and property.

Responsibility:

All Tremco employees will be responsible for the proper implementation of this Policy.

Requirements:

All Tremco employees must comply with OSHA fire protection and prevention standards as follows:

1. 29 CFR 1926 Subpart C – General Safety and Health Regulations
 - 1926.24 Fire Protection and Prevention
2. 29 CFR 1926 Subpart F – Fire Protection and Prevention
 - 1926.150 Fire protection
 - 1926.151 Fire prevention
 - 1926.152 Flammable and combustible liquids
 - 1926.153 Liquefied Petroleum Gas (LPG)
 - 1926.154 Temporary heating devices
 - 1926.155 Definitions
3. 29 CFR Subpart J – Welding and Cutting
 - 1926.350 Gas Welding and Cutting

Some basic requirements for fire prevention and protection are given below. These follow OSHA requirements and specifications and address risks and hazards commonly encountered by Tremco employees on jobsites.

Pre-Job Fire Safety Planning

1. Prior to the commencement of work on any Tremco project, the Supervisor, Manager and/or Lead Personnel must:
 - a. Complete an Emergency Action Plan in accordance with the EHS Incident Notification Policy; and
 - b. Review the contents of the Emergency Action Plan with all employees who will be working on the jobsite.
2. The Emergency Action Plan must include the correct emergency response number for reporting fires in the area where the jobsite is located.

3. A copy of the Emergency Action Plan must be maintained on the jobsite at all times while work is being performed on a Tremco project. The Emergency Action Plan must be updated to reflect any changed jobsite conditions or staffing. Each time that the Emergency Action Plan is updated the Supervisor, Manager and/or Lead Personnel must review the changes with all employees working on the project.

General Fire Prevention and Protection Rules:

1. All work areas must be kept free of debris and other combustible materials in accordance with Tremco's Housekeeping and Sanitation Policy.
2. Smoking is strictly prohibited on Tremco jobsites at all times.
3. Stored materials and debris must not fully or partially obstruct exits.
4. Clearance must be maintained around lights and heating units to prevent ignition of combustible materials.
5. No employee will be permitted to use a fire extinguisher without having been fully trained.
6. Trained employees must use the PASS (pull, aim, squeeze, sweep) method to extinguish the fire.

Reporting and Extinguishing a Fire

In the event that a fire is spotted within a Tremco Truck or on or near a Tremco jobsite, the Supervisor, Manager and/or Lead Personnel on-site must:

1. Call the fire Department immediately.
2. Alert all employees on the jobsite. If 10 or fewer Tremco employees are present on a jobsite verbal communication is an acceptable method of alerting employees in the event of fire. If 11 or more employees are present on site, an air horn, vehicle horn, whistle or siren must be used to notify employees in the event of emergency evacuation. The emergency alarm system must be identified in the Emergency Action Plan created for the project.
3. If there is any chance that the fire will pose a threat to the health or safety of employees, evacuate the area immediately. If in doubt about the risk posed by a fire, you must evacuate.
4. After all employees have been safely evacuated or the fire has been completely extinguished, whichever is sooner, notify the EHS Department and the Regional Supervisor.
5. Follow the procedures set out in the Emergency Action Plan for the project to account for all employees. In the event of missing personnel, emergency services must be notified and provided the location where the missing employee(s) were last seen or known to be working.

Only employees who are properly trained should attempt to extinguish a fire using a fire extinguisher.

No employee should ever attempt to extinguish a fire with a fire extinguisher if:

1. The fire is not incipient;
 - a. Incipient Fire – a fire which is in the initial or beginning stage and which can controlled or extinguished by portable fire extinguishers
2. He/she is not certain that the fire extinguisher is appropriate for the type of fire present;
3. Flammable or combustible liquids or flammable gases are present on site;
4. The fire is or may involve metal;
5. The fire is too large to extinguish with the contents of 1 fire extinguisher; or
6. The employee has any doubt that he/she can attempt to extinguish the fire without risk to his/her own safety or health.

Flammable and Combustible Liquids:

Storage of Flammable and Combustible Liquids:

1. Only approved containers may be used to store flammable or combustible liquids. An approved container is one that is made of metal, has a self-closing lid, an internal pressure relief, and a flame arrestor on the inside of the container's spout.
2. A maximum of 25 gallons of flammable and combustible liquids can be stored outside approved safety cabinets in indoor locations.
3. A maximum of 60 gallons of flammable and combustible liquids can be stored inside a single approved safety cabinet in indoor locations.
4. A maximum of 120 gallons of combustible liquids can be stored inside approved safety cabinets.
5. The maximum number of approved safety cabinets permitted in one room is 3.
6. Gasoline must not be used as a solvent for cleaning.
7. All containers used to store flammable or combustible liquids must be labeled in accordance with OSHA's Hazard Communication Standard.
8. Do not store any combustible or flammable liquids in a building or structure unless it is constructed of fire-resistant material.
9. Flammable liquids or gases must be stored at least 50 feet away from heat and ignition sources including welding work or any other operation involving flames or sparks.

Handling of Flammable and Combustible Liquids:

1. All flammable or combustible liquids must be positively identified prior to use.
2. All engines and motors must be turned off and must be allowed to cool prior to refueling operations.
3. Containers used during filling operations must either be placed directly on the ground or have a grounding strap attached to form a connection to ground.
4. When transferring flammable or combustible liquids from one container to another, the two containers must be bonded together. Bonding can be accomplished by attaching a wire with alligator clips on each end to both containers. The clips must go through the paint and touch metal.
5. Open flames or other ignition sources must be kept at least 50 feet away from flammable or combustible liquids at all times.
6. Health and physical hazards of flammable or combustible liquids stored and/or used on Tremco job sites must be communicated to employees in accordance with OSHA's Hazard Communication Standard and Tremco's Hazard Communication Program.
7. When flammable liquids and gases are being transported, all Department of Transportation rules must be followed.

Storing and Handling of Flammable Gases:

1. All flammable gases must be positively identified prior to use.
2. All flammable cylinders must be placed on a firm foundation and secured in an upright position.
3. All flammable cylinders must be equipped with valve-protection devices.
4. Flammable cylinders must be placed away from vehicular traffic.
5. Flammable cylinders must not be stored inside buildings.
6. Flammable bottles (such as acetylene bottles) must be stored in the upright position and secured.
7. When in transport or not in use, acetylene bottles must have caps in place.
8. The minimum separation between Liquefied Petroleum Gas (LPG) containers and flammable liquid tanks must be 20 feet.
9. Oxygen cylinders must be stored at least 20 feet from acetylene cylinders and both must be secured in an upright position.

10. Health and physical hazards of flammable gases stored and/or used on Tremco jobsites must be communicated to employees in accordance with OSHA's Hazardous Communication Standard and Tremco's Hazard Communication Program.
11. When flammable gases are being transported, all Department of Transportation rules must be followed.

Fire Extinguishers:

1. All Tremco employees must know the location of each fire extinguisher on Tremco jobsites.
2. The jobsite Supervisor, Superintendent, Construction Manager, Lead Representative or Technical representative must ensure each Tremco-owned fire extinguisher is inspected monthly.
3. At least 1 portable fire extinguisher having a rating of not less than 20 B:C units must be provided on all Tremco Trucks.
4. At least 1 portable fire extinguisher having a rating of not less than 20 B:C units must be provided on other vehicles used for transporting and/or dispensing flammable or combustible liquids.
5. At least 1 portable fire extinguisher, rated not less than 10B, must be provided within 50 feet of the location where more than 5 gallons of flammable or combustible liquids or 5 pounds of a flammable gas are used on a jobsite.

TREMCO SAFE WORK OPERATIONS POLICY

Purpose:

The purpose of this Policy is to establish requirements and procedures for Tremco safe work practices, handling of materials and safe work truck operations on Tremco jobsites.

Responsibility:

All Tremco employees who are involve with Tremco work operations, handle or move materials and drive or operate any Tremco trucks or vehicles on Tremco jobsites must comply with the rules set forth in this Tremco Safe Work Operations Policy and Tremco's Personal Protective Equipment Policy.

Warehouse / Storage General Safety Requirements:

The following safety rules shall be required of every Tremco employee while operating, in any capacity, within a Tremco warehouse or storage facility:

1. Before loading and unloading a truck, set the brakes.
2. Do not move a truck before all persons are properly seated or protected from the hazards of a shifting load.
3. Do not misuse forklifts or pallet jacks.
4. High lift rider trucks must be provided with an overhead guard.
5. NO SMOKING within ANY Tremco warehouse or storage facility.
6. Do not overload lifts or hoists.
7. Do not allow anyone to stand or walk under a load.
8. Do not jump off docks, pickup trucks, or other elevated surfaces.
9. Keep aisles unobstructed.
10. Stow pallets flat.
11. Do not store highly combustible chemicals in any Tremco warehouse. These should be kept in a separate storage area.
12. Avoid stacking materials on the floor. Use shelves or pallets.

Material Handling Safety:

All Tremco employees must comply with the following general rules for material handling:

1. Mechanical lifting methods shall be the first means considered when lifting or manipulating materials, equipment, storage items, etc. that are 50 lbs. or greater.
2. Materials, equipment, storage items, etc. that are greater than 50 lbs. shall require two (2) employees to lift or handle, up to 100 lbs.
3. Materials stored must be stacked, racked, blocked, interlocked, or otherwise secured to prevent sliding, falling or collapse.
4. Maximum safe load limits must not be exceeded for material stored on roofs, floors or structures. Sufficient safe clearances must be allowed for aisles and passageways must be kept clear with no obstructions.
5. Exits must not be blocked.
6. Material stored inside buildings under construction must not be placed within 6 feet of an interior opening and no more than 10 feet from an exterior opening such as a roof edge.
7. Lumber piles that are manually stacked must not exceed 16 feet in height. Banded lumber must not be stacked more than 20 feet high.
8. All nails must be withdrawn from used lumber before stacking.
9. Structural steel, poles, pipe, bar stock and other cylindrical materials must be racked or stacked and blocked to prevent spreading or tilting.
10. Bagged material manually stacked must be cross-keyed to prevent accidental displacement and must not be stacked more than 5 feet high.
11. Palletized material must be stacked not more than 2 pallets high and must be secured to prevent accidental displacement.
12. Loose brick stacks must be tapered 2 inches for every foot of height above 4 feet and cross-keyed every 2 feet. Palletized brick must not be stacked more than 30 inches high, nor more than 2 pallets high, and must be secured against accidental displacement. Brick stacks must not exceed 7 feet high.
13. Loose block must not be stacked more than 6 feet high. Block over 6 feet must be tapered back $\frac{1}{2}$ block per tier. Palletized block must not be stacked more than 46 inches high, cross-keyed for every course or secured on a pallet, and not stacked more than 2 pallets high.
14. Banded brick or block must not be stacked more than 2 cubes high.

Rigging:

All Tremco employees must comply with the following general rules for rigging:

1. All Tremco employees rigging loads for cranes must be qualified and have all necessary current training documents readily available. This must include qualification documents in the lift plan for cranes, if a plan is required.
2. Rigging equipment must not be loaded in excess of its recommended safe working load.
3. Rigging equipment must be inspected prior to use on each shift and as necessary during its use to ensure that it is safe. Inspections must be done by a competent person.
4. Damaged or defective rigging must be removed from service immediately.
5. Rigging used on Tremco jobsites must meet all of the requirements of 29 CFR 1926.251, including but not limited to the following:
 - a. Alloy steel chain slings must have tags permanently affixed stating size, grade, rated capacity, and sling manufacturer. Chains must be checked prior to each use for pitting and cracking.
 - b. Hooks, rings, oblong hooks and other attachments must be rated with a capacity at least equal to that of the chain.
 - c. Job or shop hooks and links or makeshift fasteners must not be used.
 - d. Wire rope must be inspected prior to each use for broken strands, open lays, bird caging, shock loading, and unusual wear.
 - e. An eye splice in a wire rope must have at least 3 full tucks. Wire rope must not be secured in knots.
 - f. Nylon rigging must be inspected prior to each use for nicks, tears, cuts, and open insulation cuts.
 - g. Rigging configurations are shown on a tag affixed to the sling. If there is no tag, you must not use the sling. The strongest configuration is typically a basket or double legged sling.
 - h. Rigging equipment, when not in use, must be removed from the work area.

Material Handling Equipment:

All Tremco employees using material handling equipment on Tremco jobsites must:

1. Use only properly designed and maintained hand trucks or dollies to transport materials.
2. Load four-wheeled trucks evenly to distribute the weight and prevent tipping, and move the load by pushing rather than pulling.
3. Use caution when going up or down a ramp, always working uphill from the powered truck.
4. Ensure that all powered hand trucks are equipped with a dead-man control, wheel guard, and an ignition key that can be removed if the operator leaves the truck. If a hand truck is not equipped with these safety features do not use the hand truck and inform your supervisor.

Only trained employees are allowed to operate powered hand trucks on Tremco jobsites. At minimum, the following safe operating procedures must be followed at all times:

1. Always give pedestrians the right of way.
2. Stop at all blind corners, doorways, and aisle ways.
3. Make sure the load will not slip, shift or fall. This may require securing it to the truck.
4. Never operate the truck faster than walking pace.
5. Flammable and combustible liquids being moved must be in approved, closed containers.
6. No passengers are allowed to ride the truck.
7. When entering an elevator, use caution to prevent from being caught in between the doors.

Forklift Usage:

In the event that a forklift is used in a Tremco warehouse or storage facility, all employees must abide by the following safety rules:

1. Forklift operators should be properly trained and qualified per 1910.178(i) and operate per 1910.178 before using the vehicle.
2. Forklift trucks shall be inspected before being used. Check the operator controls, brakes, fluid lines and levels, lights, filters, safety devices (horn, fire extinguisher, etc.), backup horns, and the movement of the fork.
3. Unless qualified, the operator should not attempt to make any repairs.
4. Portable and powered dockboards shall be strong enough to carry the load imposed on them.
5. Portable dockboards shall be secured in position, either by being anchored or equipped with devices which will prevent their slipping.
6. Handholds, or other effective means, shall be provided on portable dockboards to permit safe handling.
7. Each forklift should have a horn and backup warning noise. The horn should be used at every intersection.
8. Lower forks to the ground when the truck is not in use or the operator is more than twenty five feet away.
9. Always travel with the load lowered.
10. Travel backwards if the view to the front is obstructed by the load.
11. A seatbelt should be worn while operating a forklift.
12. When moving a load do not stop quickly; make turns slowly.
13. Never carry allow others to ride on any part of a forklift. Forklifts were made for one person.
14. Never run over objects lying in the floor and try to avoid chuck holes. These hazards could easily topple the load.
15. Only stable or safely arranged loads shall be handled. Caution shall be exercised when handling off-center loads which cannot be centered.
16. Only loads within the rated capacity of the forklift truck shall be handled.
17. A load engaging means (forks) shall be placed under the load as far as possible; the mast shall be carefully tilted backward to stabilize the load.
18. Extreme care shall be used when tilting the load forward or backward, particularly when high tiering.

19. The operator shall:

- a. Maintain a safe distance (recommended 3'-5') from the edge of ramps or platforms while on any elevated dock, or platform or freight car.
- b. Ensure that trucks loaded with forklift are chocked or Dock-locked prior to trailer entry.
- c. Assure efficient headroom under overhead installations, lights, pipes, sprinkler system, etc.
- d. Observe all traffic safety rules, including authorized plant speed limits.
- e. Maintain a safe distance, approximately three truck lengths from the truck ahead, and the truck shall be kept under control at all times.
- f. Yield the right of way to pedestrians.
- g. Yield the right of way to ambulances, fire trucks, or other vehicles in emergency situations.
- h. Slow down and sound the horn at cross aisles and other locations where vision is obstructed.
- i. Look in the direction of, and keep a clear view of the path of travel.
- j. Travel the load trailing if the load being carried obstructs forward view.
- k. Cross railroad tracks diagonally whenever possible.
- l. Operate at a speed, under all travel conditions, that will permit the forklift truck to be brought to a stop in a safe manner.
- m. Slow down for wet and slippery floors.
- n. Properly secure dockboard or bridgeplates before they are driven over. Dockboard or bridgeplates shall be driven over carefully and slowly and their rated capacity never exceeded.
- o. Approach elevators slowly, and then enter squarely after the elevator car is properly leveled.

20. The operator shall not:

- a. Operate a forklift truck while using prescription or over the counter medications that may interfere with the safe operation of the forklift truck in any manner.
- b. Drive forklift trucks up to anyone standing in front of a bench or other fixed object.
- c. Run over loose objects on the roadway surface.

- d. Allow persons to stand or pass under the elevated portion of any truck, whether loaded or empty.
- e. Park closer than eight feet from the center of railroad tracks.
- f. Allow any person to ride on forklift trucks except the operator, unless the forklift truck has provisions for passengers.
- g. Place arms or legs between the uprights of the mast or outside the running lines of the truck.
- h. Use forklift truck for opening or closing freight doors.
- i. Block fire aisles, access to stairways, or fire equipment with the forklift truck or the load being handled.
- j. Pass other trucks traveling in the same direction at intersections, blind spots, or other dangerous locations.
- k. Participate in stunt driving or horseplay.
- l. Push or tow other forklift trucks.

- 21. An overhead guard shall be used as protection against falling objects.
- 22. A load backrest extension shall be used whenever necessary to minimize the possibility of the load or part of it falling rearward.
- 23. Only approved industrial trucks shall be used in hazardous locations.
- 24. Lift truck operators should know the weight of the load prior to moving the load.
- 25. Standing on a truck or adding counterweights to compensate for an overload will not be permitted.
- 26. Operators should never attempt to operate a truck with an overload. Such a load is dangerous because it removes weight from the steering wheels, which affects the steering.
- 27. Extreme care must be taken when mast and load are raised high.
- 28. When lifting a load, always check for any overhead obstructions that might be damaged or cause the load to spill or topple the truck.
- 29. Always heed instructions about stacking height.
- 30. Never allow other workers to stand nearby when you stack materials.
- 31. Do not stack material in aisles or roadways.
- 32. Leave keys in forklift when parking for the day.
- 33. Leave forklift running when walking away from the truck.

Tremco Operations Safety:

All Tremco employees must comply with the following safety rules while operating in or around a Tremco truck or engaged in Tremco cleaning operations:

Tremco Truck:

1. All Tremco employees must follow and complete a Truck Operation Start-Up Checklist prior to starting any equipment or system on the truck for any work task.
 - a. In the event that there are system malfunctions or issues with a normal start-up of the system, the start-up process must cease immediately until the issues are resolved.
2. Two (2) employees are required to participate in all loading and unloading processes of materials, equipment, etc. on and off of the Tremco truck.
 - a. One employee will be located in the Tremco truck box, accessible by step ladder, and the other employee shall remain at ground level.
3. All Tommy Gate moving lift operations shall be powered by the operator at the ground level controls or the operator at the truck box mounted controls.
 - a. Employees shall not be permitted to operate the Tommy Gate lift while riding the lift gate or by reaching down from the truck box platform to manipulate the ground level controls.
4. All employees must be mindful of pinch points and caught in-between hazards while operating the Tommy Gate lift.
5. Outside of routine maintenance procedures, of which Tremco employees have received documented training to perform, no maintenance of any component of the Tremco truck is permitted by Tremco employees.
 - a. If functional issues are observed or realized, the Supervisor, Manager and/or Lead Personnel must contact the Tremco Operations Manager and Legend Brands representatives.
6. All Tremco Trucks shall be maintained in an orderly fashion, and all trip hazards and blocked passageways shall be eliminated.
7. Tremco employees shall only access the Tremco truck box at designated safe entry points.
8. All guards and protective covers of the Tremco engine system, located within the truck box, shall remain in place at all times.
9. All Tremco trucks shall be equipped with at least two (2) of each form of fall protection equipment necessary for a project.
10. Tremco drivers and operators shall:
 - a. Not park near air intakes, doors and windows of facilities during Tremco operations.

- b. Ensure that a parking and path assessment takes place with the client/owner to avoid parking in prohibited areas and/or traveling through areas that lack a foundation solid enough to support the weight of the Tremco truck.
- c. Evaluate the grade of the parking location in which the Tremco truck is parked both temporarily and for extended period of time.
 - i. Avoid parking in area where the ground exceeds a 9 degree grade. (1.75/12 slope)
- d. Utilize Bluetooth or hands free technology to talk on a cell phone or mobile device while driving any Tremco truck.
- e. Not text nor operate any cell phone or mobile device while driving any Tremco truck.
- f. Have a valid Driver's License to operate any vehicle or mobile equipment on the project. All drivers shall obey posted or designated speed limits. The use of seatbelts is mandatory.

Driver Training Program:

In an effort to address road safety issues and educate further on driver's safety, prior to driving or operating any Tremco truck, all employees must participate in and abide by the AlertDriving driving training program.

1. AlertDriving Training Program

- a. On-line training that delivers personalized, fully interactive training programs targeted to each and every driver's specific risk factors.
 - i. Hazard Perception Program
 - 1. A highly interactive program that puts you behind the wheel and captures the dynamics of driving in the real world.
 - 2. Consists of 20 real-life driving scenarios and 28 theory-based multiple choice questions.
 - ii. Targeted Training Modules
 - 1. After you have successfully completed the Hazard Perception Program, you may receive up to 4 additional targeted training modules.
 - 2. The modules are quick and easy-to-follow and only take 15-20 minutes to complete.
 - 3. Each participant has to achieve a grade of 80% on each module.

Tremco Cleaning Operations:

1. No Tremco employee shall access nor work on any roof under dark conditions.
 - a. This includes the absence of daylight.
2. Prior to the start-up process of the Tremco system or any cleaning procedure occurs, all Tremco employees must ensure that all safety systems are set-up and in place:
 - a. Ladders set –up and equipped with tie-off and stabilizers
 - b. Guardrails
 - c. Personal Fall Arrest System
 - d. Warning Lines erected
 - e. Skylights and holes protected
3. Prior to the Tremco system start-up process, at least one (1) employee must be located on the roof with the cleaning equipment hooked up and ready to receive both water and pressure supply, and one (1) employee located at the truck to start the system.
 - a. Both employees shall be equipped with 2-way radio devices to ensure consistent communication and verification of start-up success.
4. After a successful system start-up, the ground employee shall ensure that all truck doors are closed and locked, and the Tommy Gate is fully drawn in its upright position to eliminate any unauthorized entrants.
5. After a successful system start-up, the ground employee shall ensure that flag lines are properly erected around the Tremco truck, water lines, vacuum hoses and any other process equipment, to protect against unauthorized entrants of the work area during the cleaning procedure.
6. Hearing protection shall be worn by all Tremco employees during start-up and cleaning operations
7. The operator of the cleaning spinner (the “spinner”) shall ensure that it remains tight to the roof’s surface while in operation.
8. All employees shall ensure that no body part is exposed to the underbody of the spinner while it is either under pressure or in operation.
9. Spinner operators shall not travel or walk backwards during cleaning operations near and outside of erected warning lines.
10. All unnecessary water lines and vacuum hoses shall be removed from cleaned areas or immediate work areas to eliminate potential trip hazards.
11. Water lines shall not be uncoupled without stopping water flow to the section being removed.

PORTABLE HAND AND POWER TOOLS POLICY

Purpose and Scope:

The purpose of this Policy is to establish rules and guidelines for safe use of portable hand and power tools.

Responsibility:

All Tremco employees are responsible for checking and inspecting portable cord sets and power tools prior to each use. All Tremco employees are also responsible for following all applicable OSHA standards and specific manufacturer requirements when using portable hand and power tools.

Requirements:

Tremco employees must comply with OSHA portable hand and power tool standards and manufacturer's requirements. OSHA requires the following:

1. 29 CFR 1926 Subpart E – Personal Protective and Life Saving Equipment
 - 1926.96 – Foot Protection
 - 1926.100 – Head Protection
 - 1926.101 – Hearing Protection
 - 1926.102 – Eye Protection
2. 29 CFR 1926 Subpart I – Hand and Power Tools
 - 1926.300 - General Requirements
 - 1926.301 – Hand Tools
 - 1926.302 – Power-Operated Hand Tools
 - 1926.306 – Air Receivers
 - 1926.307 – Mechanical Power-Transmission Apparatus

General Requirements:

General requirements for use of all portable hand and power tools on Tremco jobsites are given below:

1. Use the correct tool for the job.
2. Follow the manufacturer's specifications, instructions and current bulletins for correct and safe operation.
3. All tools must be maintained in good working order. Ensure maintenance as specified by the manufacturer has been performed before using any tool. If maintenance cannot be performed on a tool that is not in good working order, do not use the tool!
4. Never alter or tamper with a safety device or guard.

5. Use appropriate personal protective equipment (PPE) at all times per the requirements in 1926 Subpart E and Tremco's Personal Protective Equipment Policy.
6. Inspect each tool for signs of damage or defects before using the tool. A visual check must be given for all power tools prior to use. Remove defective tools from service immediately.
7. The use of "cheater bars" is prohibited.

Hand Tools:

General requirements for using hand tools on Tremco jobsites are given below:

1. All sharp edges, such as knife edges and hand saw blades, must be equipped with guards to prevent incidental contact.
2. Tools placed on elevated surfaces must be protected from falling.
3. When not in use, tools must be stored so as not to become a tripping hazard.
4. All wooden tools with cracked handles or other defects must be immediately removed from service until the tool is correctly repaired.
5. Chisel heads must be maintained properly. If a chisel head has any defects such as "mushrooming", the chisel must be immediately removed from service.
6. Appropriate eye protection must be worn at all times by employees when using a chisel or conducting other metal-to-metal operations.

Power Tools:

General requirements for using power tools on Tremco jobsites are given below:

1. All safety devices must operate properly. Never use a power tool if a safety device on the tool has been disabled, modified, or damaged.
2. Always store power cords and hoses properly.
3. Never carry a tool by the cord or hose.
4. Never yank the cord or the hose to disconnect it from the receptacle.
5. Keep cords and hoses away from heat, oil, and sharp edges.
6. Disconnect tools (e.g., unplug the cord, remove the batteries, lock the switch off) when not using them, before servicing and cleaning them, and when changing accessories such as blades, bits, and cutters.
7. Keep all people not involved with the work at a safe distance from the work area.

8. Secure work with clamps or a vise, freeing both hands to operate the tool.
9. Avoid accidental starting. Do not hold fingers on the switch button while carrying a plugged-in tool.
10. Taping a trigger switch to the “on” position is prohibited.
11. Maintain tools with care; keep them sharp and clean for best performance.
12. Follow instructions in the user’s manual for lubricating and changing accessories.
13. Be sure to keep good footing and maintain good balance when operating power tools.
14. Remove all damaged portable electric tools, hoses and cords from use immediately.

Electric:

General requirements for using electric tools on Tremco jobsites are given below:

1. All electrically powered tools must be either double insulated or have a three-pronged plug.
2. All tools that are not double-insulated must have a ground fault circuit interrupter (GFCI) in line as close to the tool as possible.
3. All portable power tools must conform to Tremco’s Electrical Safety Policy.

Pneumatic Tools:

General requirements for using pneumatic tools on Tremco jobsites are given below:

1. All pneumatic tools must be secured by using whip checks or similar devices prior to use to prevent accidental disconnection.
2. All pneumatic driven nailers, staplers, and other similar equipment provided with an automatic feed which operate at more than 100 p.s.i. pressure at the tool must have a safety device on the muzzle to prevent fastener ejection unless the muzzle is in contact with the work surface.
3. Appropriate hearing protection must be employed when using any pneumatic tools that generate high noise levels (above 85 db).

Liquid Fuel Powered Tools:

General requirements for using liquid fuel (such as gasoline) powered tools on Tremco jobsites are given below:

1. Liquid fuel powered tools must be used and refilled in well-ventilated areas to prevent buildup of vapors and carbon monoxide.
2. Engines must be turned off and allowed to cool down before refilling.

3. Prior to using any liquid fuel tool on a roof, one fire extinguisher rated at least 20B, must be available within a 35 ft. radius and on the same roof level as the tool.
4. Tremco employees using liquid fuel powered tools must comply at all times with all customer, regulatory and Tremco fire prevention requirements, including Tremco's Fire Prevention Policy.

Hydraulic Tools:

General requirements for using hydraulic tools on Tremco jobsites are given below:

1. Hoses must be securely attached to the tool to prevent disconnection.
2. All fluids in the hydraulic system must be fire resistant and maintain their characteristics under extreme temperatures.
3. All tools must be operated at safe pressures according to the manufacturer's instructions.

Powder-Actuated Tools:

General requirements for using powder-actuated tools on Tremco jobsites are given below:

1. Only authorized employees who have been properly trained in the operation of a particular powder-actuated tool are permitted to use that tool.
2. Each tool must be tested every day before loading to ensure that safety devices are in proper working condition. Testing must conform to the manufacturer's recommended procedure.
3. Tools must not be loaded until just before the intended use.
4. Appropriate eye, face, and ear protection must be worn when using powder-actuated tools per the requirements in 1926 Subpart E and Tremco's Personal Protective Equipment Policy.
5. If the tool misfires, the user must hold the tool in the operating position for at least 15 seconds and then must continue to hold the muzzle against the work surface during disassembly or opening the tool to remove the powder charge.
6. Do not point a powder actuated tool at anyone, under any circumstances; always assume that it can fire at any moment.
7. Never leave a loaded tool unattended.
8. Never use a powder-actuated tool in an explosive or flammable atmosphere.
9. Fasteners must not be fired into materials that may allow the fastener to pass through. You must use the correct charge for the material being secured, and follow the manufacturer's recommendations.

ELECTRICAL SAFETY POLICY

Purpose and Scope:

This purpose of this Policy is to establish rules and procedures for the safe use of electrical equipment, temporary lighting and other sources of electrical power on Tremco jobsites.

Responsibility:

All Tremco employees are responsible for complying with this Policy whenever they work with or around electrically-powered tools, equipment or temporary lighting.

Requirements:

Tremco employees must comply with OSHA electrical safety requirements. OSHA requirements include the following:

1. 29 CFR 1910 Subpart S – Electrical
2. 29 CFR 1926 Subpart K – Electrical

General Rules for Electrical Safety:

1. Maintain at least 20 feet between equipment (e.g. ladders, scaffolding, cranes, etc.) and any overhead power lines.
2. Every circuit encountered must be considered live until proven otherwise.
3. Only proper tools must be used to test circuits.
4. Never touch a wire until the circuit is determined to be dead.
5. Portable ground-fault circuit interrupters (GFCI's) must be used at all times with 120-volt, single-phase 15- and 20- ampere services, including house power sources.
6. All circuits over 50 volts must be equipped with guards or barriers to prevent accidental contact.

Power Tools:

All power tools used on Tremco projects must be either equipped with three prongs or double-insulated. Double insulated tools are identified with a square within a square logo or the words “double insulated” on the motor housing. Portable power tools must conform to Tremco’s Portable Hand and Power Tools Policy. Power tools must be inspected daily before each use for missing cord insulation, broken protective shells and any other damage or wear that may affect the safe functioning of the tool. Carefully examine any pulled back strain reliefs on attached cord sets for exposed insulation, nicks, cuts or other damage or wear to the cord. Any damaged, defective or excessively worn tools must be pulled out of service immediately. Never use a damaged or defective tool. Notify your Supervisor immediately and remove the tool from service, marking it with a “Defective – Do Not Use” tag. Notify other employees who may require use of the equipment that it has been tagged as defective and must not be used.

Extension Cords:

Extension cords used on Tremco projects must be double-insulated three-wire cords marked with one of the following designations: SO, STO, SJ, SJO, SJT or SJTO. All cords must have a gauge size of #12 or better. No flat cords are permitted. Prior to each use, all cord sets must be inspected. Check for any damage or excessive wear, including but not limited to: broken or missing ground prongs, open or broken insulation, heat damage, pig tailing, cuts and lack of pliability. If any damaged condition is observed, the cord must be removed from service immediately, following the procedures set forth above for defective or damaged power tools. No Tremco employee is permitted to replace heads on cords.

Temporary Lighting:

The minimum lighting required for work areas is 5 foot-candles, which can be provided by natural or artificial light. If you cannot see the creases in your palm when your arm is fully extended the light is not sufficient for work to be performed. Work or task lighting may need to be provided in low light areas. Temporary lighting must be maintained in good working order. All temporary lighting fixtures must have guards or cages around the light bulbs to protect against accidental breakage. Metal shell and paper-type lamp holders are not permitted on Tremco job sites. If strand lighting is used it shall be secured at least eight (8) feet from the ground by a non-conductive means (e.g. twine). No staples, nails or other metal fasteners may be used to attach strand lighting on Tremco jobsites.

Maintenance and Service of Equipment and Machinery:

No Tremco employee is authorized to maintain or service equipment or machinery used on Tremco jobsites. Never attempt to restart equipment or machinery that has been locked or tagged out for maintenance and/or service. All Tremco employees must comply with the requirements given in Tremco's Hazardous Energy Source Control Policy. When properly authorized and trained personnel are performing service or maintenance work on a Tremco jobsite, Tremco employees must clear the area until the work is complete and all lock out devices are removed from the equipment or machinery.

Tremco employees are to never open rooftop cabinets, transformers or any structure marked "High Voltage" or "Authorized Personnel Only." Also, never remove or install guards, panels or covers on rooftop electrical equipment.

Further information regarding the proper procedure for locking and tagging out equipment or machinery for service or maintenance can be found in Tremco's Hazardous Energy Source Control Policy.

HAZARDOUS ENERGY SOURCE CONTROL POLICY

Purpose:

The purpose of this Policy is to ensure control of all hazardous energy sources and prevent unexpected energization, start up or release of energy during construction activities and/or service or maintenance of equipment or machinery on Tremco projects.

Responsibility:

Tremco personnel participation in lockout procedures should be minimal, as Tremco employees are not authorized to service customer equipment or machinery on Tremco projects. However, all Tremco employees who perform work on customer property must familiarize themselves with this Policy so that they can identify hazardous energy sources and know when a piece of machinery or equipment has been locked out and tagged properly to facilitate construction activities and/or for equipment service or maintenance and observe the proper safety precautions. Tremco employees who perform work on Tremco-owned or personal tools and equipment must observe hazardous energy control procedures appropriate to the tool or equipment.

Authorized Persons:

Only persons properly trained and authorized to perform lockout/tagout (LOTO) in conformity with 29 CFR 1910.147 and this Policy (“Authorized Persons”) may perform maintenance or service work on equipment or machinery on Tremco projects. All other, non-authorized employees observing equipment that is lockout/tagout shall not attempt to start, energize, or use the equipment or tamper with or remove the LOTO device(s).

Requirements:

Tremco employees must comply with OSHA control of hazardous energy requirements. OSHA requirements include the following:

- 1. 29 CFR 1910.147 – The Control of Hazardous Energy (LOTO)

Some rules and practices described in this policy supplement but do NOT replace OSHA Hazardous Energy Control requirements, but are intended to address hazardous energy control conditions and activities that are unique to roofing repair and replacement projects.

Definitions

Hazardous Energy:

Energy with the potential to cause harm; such as injury to people or damage to property. Hazardous energy includes, but is not limited to the following types found on roofing projects:

- Electrical
- Natural gas
- Thermal Process Oil
- Chemical
- Steam
- Mechanical
- Pressure
- Hydraulic

Hazardous Energy Sources:

Equipment, piping, vents, stacks, wiring or hoses which actually or potentially contain, store or transfer materials, substances or energy within a work area on a Tremco project.

General Requirements for Control of Hazardous Energy:

Pre-job planning must include identification of hazardous energy sources and determination of safe work practices including LOTO, to avoid exposure to the hazardous energy. Any Tremco employee that may come into contact with a potential hazardous energy source while performing work on a Tremco project for any reason, must stop work immediately and contact his/her supervisor. The supervisor must then immediately contact the facility manager or authorized customer contact to address the issue.

Whenever equipment servicing involving hazardous energy sources is required on a Tremco project, the Supervisor, Manager and/or Lead Personnel must:

All Tremco employees, including as applicable, operator(s) of the machinery or equipment that is being locked out or serviced, must leave the area prior to the commencement of LOTO and/or service work and must remain out of the area until the authorized person indicates that it is safe to return. Tremco employees must be able to recognize lockout/tagout devices, locks and equipment and must not attempt to defeat these controls.

While Tremco employees are not authorized to perform maintenance or service equipment at customer sites, it is important to understand proper LOTO requirements. Any Tremco employee noting variation with the basic LOTO requirements given below must leave the area and report the variation to his/her supervisor. The supervisor must then immediately contact the Authorized Persons to address the variance.

Some of the basic LOTO requirements include:

1. Only Authorized Persons are permitted to lock out and tag machinery and equipment on Tremco projects.
2. If the equipment is operating, the equipment must be shut down by the normal operations procedure before LOTO is applied.
3. All hazardous energy sources in the work area that need LOTO shall be identified and labeled prior to the commencement of LOTO because machinery or equipment may have more than one energy source, the Authorized Person must identify all energy sources and methods to control energy release, including all isolation devices. Examples of isolation devices include electrical connections, valves, disconnect switches and pressure relief valves.
4. Residual energy must be relieved, restrained and checked as appropriate and as determined by the Authorized Person.
5. Appropriate means must be employed to prevent energy from being induced into the LOTO system (e.g., electrical disconnects, blind flanges, double block and bleed, physical separation via valves or flanges, etc.).
6. The Authorized Person must verify that isolation and de-energization of the machine or equipment has been accomplished prior to the commencement of service or maintenance work.
7. Tag out devices must warn against hazardous conditions if the machine or equipment is energized and must include a legend such as the following: Do Not Start, Do Not Open, Do Not Energize, or Do Not Operate.
8. LOTO devices must be marked with the name of the Authorized Person who applied the device.
9. Tag out alone may not be used to isolate and de-energize equipment or machinery that is capable of being locked out.
10. Unless all of the requirements of 29 CFR 1910.147(e)(3) have been met, a LOTO device may only be removed by the Authorized Person who applied the device.
11. Tremco employees must never remove LOTO locks or devices applied by anyone but themselves.
12. While not mandated under the standard or this policy, it is recommended that employees not needed to implement the LOTO minimize exposure by moving away from the hazardous energy source.

Any Tremco employee who has questions regarding hazardous energy sources or LOTO procedures should contact the EHS Department.

FALL PROTECTION POLICY

Purpose:

The purpose of this Policy is to establish rules and procedures for Tremco employees working at heights.

Responsibility:

All Tremco employees working at heights 6 feet or higher must comply with the requirements of this Policy when performing, supervising, or inspecting work on Tremco jobsites.

If a fall protection work plan is required by this Policy, the Supervisor, Manager and/or Lead Personnel is responsible for completing a Site Specific Fall Protection Work Plan in accordance with form provided below.

Tremco employees with questions regarding any aspect of this Fall Protection Policy should consult their supervisor or the EHS Department.

Requirements:

All fall protection systems employed on Tremco jobsites must conform to OSHA requirements. OSHA divides the requirements for fall protection into 2 separate sections:

1. 29 CFR 1910 Subpart D – Walking Working Surfaces, specifically:
 - 29 CFR 1910.23 – Guarding Floor and Wall Openings and Holes
2. 1926 Subpart M - Fall Protection
 - 1926.500 - Scope, Application, and Definitions Applicable to this Subpart.
 - 1926.501 - Duty to Have Fall Protection.
 - 1926.502 - Fall Protection Systems Criteria and Practices.
 - 1926.503 - Training Requirements.
 - 1926 Subpart M App. A - Determining Roof Widths - Non-Mandatory Guidelines for Complying with 1926.501(b)(10)
 - 1926 Subpart M App. B - Guardrail Systems - Non-Mandatory Guidelines for Complying with 1926.502(b)
 - 1926 Subpart M App. C - Personal Fall Arrest Systems - Non-Mandatory Guidelines for Complying with 1926.502(d)
 - 1926 Subpart M App. D - Positioning Device Systems - Non-Mandatory Guidelines for Complying with 1926.502(e)
 - 1926 Subpart M App. E - Sample Fall Protection Plan - Non-Mandatory Guidelines for Complying with 1926.502(k)

Some basic requirements for commonly encountered fall hazards and required fall protection systems are given below. These rules follow OSHA requirements and specifications and also reflect jobsite experience and customer qualification requirements.

SAFETY REQUIREMENTS FOR COMMONLY ENCOUNTERED FALL HAZARDS:

Specific safety requirements for some commonly encountered fall hazards on Tremco jobsites are set forth below. If you have any questions regarding the appropriate fall protection system for use on a particular job, contact the EHS Department or your supervisor prior to beginning work.

1. Unprotected Sides and Edges – Any Tremco employee on a walking/working surface with an unprotected side or edge at a height of 6 feet or higher must be protected by a guardrail system, safety-net system or personal fall protection system (i.e. “arrest or restraint”).
2. Leading Edges – Any Tremco employee constructing a leading edge at a height of 6 feet or higher must be protected by a guardrail system, safety-net system or personal fall arrest system.
3. Hoist Areas – Guardrail or personal fall arrest systems must be used in hoist areas that are 6 feet or higher. If a guardrail system is used and a portion of the guardrail has to be removed for an employee to lean out to guide materials, that employee must be protected with a personal fall arrest system.
4. Floor openings or Holes – A hole is defined as any gap of 2 inches or more in width in the walking/working level (e.g., deck openings, open skylights, hatch openings). Employees on Tremco jobsites must be protected from falling into holes by the use of covers, guardrails or personal fall arrest equipment.
5. Ramps, Runways, or Walkways – Whenever ramps, runways, or walkways are used at a height of 6 feet or more, guardrail systems must be erected.
6. Low Slope Roofs (4:12 pitch or less) – Employees working on a low slope roof must be protected by a guardrail system, safety-net system, personal fall arrest system, and/or a combination of a warning-line system and another fall protection system. A warning-line system must never be used alone (See Warning Line System Requirements, below).
7. Steep Slope Roofs (greater than 4:12 pitch) – Employees working on a steep slope roof must be protected by a personal fall arrest system, safety-net system, or a guardrail system with the addition of toeboards.
8. Wall Openings – Where the outside bottom of the edge of the wall is 6 feet or higher and the inside bottom edge of the wall is less than 39 inches, employees must be protected by a guardrail system, safety-net system, or personal fall arrest system.
9. Dangerous Equipment – Tremco employees working 6 feet or more above dangerous equipment must be protected by a guardrail system, safety-net system, or personal fall arrest

system. Employees working 6 feet or less above dangerous equipment must be protected by guardrails or equipment guards.

10. Other walking/working surface 6 feet or higher: Any other time that a working/walking surface is 6 feet or more in height Tremco employees must be protected by a guardrail system, safety-net system or personal fall arrest system.

FALL PROTECTION SYSTEMS AND REQUIREMENTS:

Guardrail Systems: (PRIMARY SOURCE OF PROTECTION)

Guardrail systems are generally used along unprotected edges, ramps, runways, or, under certain circumstances, around holes. All guardrail systems must comply with OSHA requirements. Some basic guardrail requirements include:

1. Guardrails must stand 39 to 45 inches above the working surface.
2. Midrails, screens or panels must be present anytime there is no parapet wall at least 21 inches high. Other structural members (such as additional midrails and architectural panels) must be installed so that there are no openings in the guardrail system more than 19 inches wide.
3. Toeboards cannot be more than ¼ inch off the surface and must be at least 3 ½ inches high.
4. Openings in the guardrail system for access points and material handling areas must be guarded and blocked off when not being used.
5. A guardrail system used for hole protection must protect the hole on all sides.
6. Guardrail surfaces must be designed to prevent injury to employees from punctures or lacerations, or snagging of clothing

Personal Fall Protection Systems: (SECONDARY SOURCE OF PROTECTION)

A Personal Fall Protection Systems (“PFPS”) is a series of components designed to safely arrest a worker's fall, preventing him/her from striking the next lowest level and minimizing the possibility of serious injury. It consists of an anchorage, connectors, a body harness and lanyard and may include a deceleration device, lifeline, or suitable combinations of these elements. PFAS used on Tremco jobsites must comply with all OSHA requirements, including but not limited to the following:

Selection and Use:

1. Safety harnesses and shock absorbing lanyards must be used on steep sloping roofs; on any elevated work location 6 feet high or higher from the ground or floor where guardrails or a safety net system are not provided or when the low slope roof requirements are not in place; and when working on suspended scaffolds within 6 feet of the edge of an unguarded flat roof, elevated slab or opening.

2. Safety belts (also known as “body belts”) may not be used for fall protection.
3. Connectors, d-rings, snap hooks, lanyards, lifelines, and anchorages must be used per OSHA requirements and according to the manufacturers’ published instructions.
4. Anchorages must be independent of any platform support or suspension and not attached to guardrails or hoists.
5. When vertical lifelines are used, each employee must be attached to a separate lifeline.
6. Tremco will provide for prompt rescue of employees in the event of a fall or will ensure that employees are able to rescue themselves.
7. Body harnesses and components must be used only for employee protection and not to hoist materials.
8. Harnesses must be attached in back, between an employee’s shoulder blades.

Components:

1. Anchorages used for attachment of PFPS must be capable of supporting:
 - a. Fall Arrest
 - i. At least twice the force of a fall as determined by a qualified person or 5000 lbs.
 - b. Fall Restraint/Positioning
 - i. At least twice the force of a fall as determined by a qualified person or 3000 lbs.
2. Connecting assemblies must have a minimum tensile strength of 5,000 pounds. D-rings and snaphooks must be proof-tested to a minimum tensile load of 3,600 pounds without cracking, breaking, or taking permanent deformation.
3. Only locking snaphooks may be used.
4. Hooks must be used only for connections for which they are designed – they may not be attached to webbing, rope, other snaphooks or D-rings attached to snaphooks.
5. Lanyards and lifelines must be made of synthetic fibers and be free of cuts and abrasions.

Inspection:

1. The system must be inspected prior to each use for wear, damage, and other deterioration, and defective components must be removed from service immediately.
2. PFAS and components that have been subject to impact loading must be removed from service and the EHS Department must be notified.

Warning Line Systems:

A warning line system may only be used: (i) for low-slope roofing work; (ii) when it is not possible or practicable to install a guardrail system; and (iii) in combination with a guardrail system, safety net system or PFAS. Only qualified employees or trades are allowed to enter the warning line system. Warning line systems must comply with all OSHA requirements. Some basic requirements for warning line systems are given below:

1. The system must be erected around all sides of the roof work area.
2. **For the purposes of all Tremco cleaning procedures the system must be erected at least 10 feet from the roof edge.**
3. When mechanical equipment is being used, the warning line perpendicular to the line of movement of the mechanical equipment must be at least 10 feet from the roof edge.
4. Points of access, material handling areas, storage areas, and hoisting areas must be connected to the work area via an access path formed by 2 warning lines.
5. No employee may be allowed in the area between a roof edge and a warning line unless the employee is performing roofing work in that area and is employing proper fall protection equipment.
6. Mechanical equipment on roofs must be used or stored only in areas where employees are protected by a warning line system, guardrail system, or personal fall arrest system.

Safety Monitoring Systems:

Tremco requires a 100% tie off policy for all employees when working six feet or higher. Employees working outside of a warning line must be protected from falling by a guardrail system, safety net system, or personal fall arrest system. **Tremco does not recognize Safety Monitoring Systems as a part of its Fall Protection Policy!** No employee shall act as or work with a Safety Monitor in any capacity.

Positioning Device Systems:

Positioning device systems are used when an employee needs to work on an elevated vertical surface, such as a wall, with both hands free and must comply with all OSHA requirements. All of the above-listed requirements for PFAS apply to positioning systems, except:

1. Anchorages used for attachment of positioning device systems must be capable of supporting at least twice the potential impact of an employee's fall or 3,000 pounds, whichever is greater.

2. Positioning device systems must be rigged such that an employee cannot free fall more than 2 feet.

Covers:

Covers or guardrails must be used over penetrations and deck openings greater than 2 inches in their least dimension. Covers are the most common method of protecting against the hazards presented by holes in walking/working surfaces, but in certain situations, a guardrail may be more appropriate. If you have any questions concerning use of guardrails or covers, consult your supervisor or the EHS Department. All covers must comply with OSHA requirements and be:

1. Secured to prevent accidental displacement;
2. Color-coded or bear the markings “HOLE” or “COVER”; and
3. Be able to support twice the weight of employees, equipment, and materials that may be imposed upon them.

Safety Nets:

Safety nets are used to protect employees from falling, as well as to protect employees on the ground or lower levels from being hit by falling objects. All safety-net systems used on Tremco jobsites must comply with OSHA requirements. Some basic safety-net requirements include:

1. Safety-nets must be installed as close as possible to the working surface, but in no case more than 30 feet below such level.
2. The further below the working surface a safety net is installed, the further the net must extend horizontally. Specifically:
 - a. If located 5 feet or less below the surface, the net must extend out at least 8 feet.
 - b. If located 5 to 10 feet below the surface, the net must extend out at least 10 feet.
 - c. If located more than 10 feet below the surface, the net must extend out at least 13 feet.
3. Safety nets must be installed with sufficient clearance to prevent contact with the surface or structures below when subjected to drop test as described in the OSHA standards.
4. Safety nets must be inspected at least once per week for wear, damage, and other deterioration and whenever anything happens that could affect the integrity of the net. Defective nets must be removed from service immediately.
5. Any objects that fall into the net must be removed as soon as possible and definitely no later than the end of shift.

Site Specific Fall Protection Work Plan

As stated in the Fall Protection Policy, a site specific fall protection work plan may be required prior to beginning work. A work plan may be required due to:

1. Specific jobsite or client requirements;
2. The job will require workers engaged in leading edge work.

The fall protection work plan provided below must be used for all jobs requiring a fall protection work plan and also conform to all requirements given in 1926.502(k). OSHA regulation 1926.502(k) mandates a fall protection work plan for:

1. Workers engaged in leading edge work, or
2. Precast concrete erection work, or
3. Residential construction work, and
4. Meets one of the three conditions above and it can be demonstrated that it is infeasible or creates a greater hazard to use conventional fall protection equipment.

Requirements for a Fall Protection Work Plan:

1. Be prepared by a qualified person;
2. Be developed specifically for the jobsite;
3. The plan must be maintained up to date and kept in the project file;
4. Any changes to the plan must be approved by a qualified person;
5. A copy of the Fall Protection Plan with all approved changes must be maintained at the jobsite, and the implementation of the Fall Protection Work Plan shall be under the supervision of a competent person;
6. The Fall Protection Plan will identify each location where conventional fall protection methods cannot be used. These locations shall then be classified as a controlled access zone and must comply with OSHA controlled access zone requirements;
7. If applicable, the Fall Protection Work Plan must document the reasons why the use of conventional fall protection systems (fall restraints, positioning system devices or personal arrest systems) is infeasible or why their use would create a greater hazard; and

8. The Fall Protection Plan must include a written discussion of other measures that will be taken to reduce or eliminate the fall hazard for workers who cannot be provided with protection from the conventional fall protection systems. For example, the employer must discuss the extent to which scaffolds, ladders, or vehicle mounted work platforms can be used to provide a safer working surface and thereby reduce the hazard of falling.

Note: All employees must review the requirements of this fall protection work plan prior to starting work. This plan must be available at the jobsite during work activities.

Job Location Description:

Facility Name: _____

Facility Address: _____

Supervisor's Name: _____

Lead Representative's Name: _____

Phone: _____

Date Prepared: _____

Date(s) Updated: _____

Scope of Work: Describe briefly the scope of work and type of roof (i.e., flat, low or steep slope)

Access Plan:

Do you plan on using ladder access? Yes No

If yes, has your ladder been inspected and is it set up at a 4:1 angle, extending at least 3' above landing and secured at the top? Yes No

Do you plan on using the hatch or fixed ladder? Yes No

If yes, check the condition prior to using and use caution when opening hatches due to frost or slippery roof conditions.

Do you plan on loading materials and supplies on the roof? Yes No

If yes, you must utilize ropes pulley for small loads and for larger loads material handling devices such as forklifts or lativaters may be necessary.

1. Check the appropriate box or boxes to indicate the method of fall protection to be used for each in the table below:

TREMCO SAFETY

(Check the appropriate box or boxes to indicate the method of fall protection to be used for each in the table below:)

| | GS | SNS | PFAS | C | PDS | F | B | EG | CAZ | WLS | SMS |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Unprotected sides and edges | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Leading edges ^a | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Low sloping roofs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Combination of both | <input type="checkbox"/> | | | | | | | | | <input type="checkbox"/> | |
| Combination of both | | <input type="checkbox"/> | | | | | | | | <input type="checkbox"/> | |
| Combination of both | | | <input type="checkbox"/> | | | | | | | <input type="checkbox"/> | |
| Combination of both | | | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Steep sloping roofs ^a | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Holes (opening of 2 inches or more) | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| Ramps/ runways/walkways | <input type="checkbox"/> | | | | | | | | | | |
| Hoist Area | <input type="checkbox"/> | | | | | | | | | | |
| Formwork or reinforcing steel | | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | |
| Excavations that are not readily seen | <input type="checkbox"/> | | | | | <input type="checkbox"/> | <input type="checkbox"/> | | | | |
| Wells, pits or shafts | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | | | | |
| Dangerous equipment | | | | | | | | | | | |
| If less than 6 feet above | <input type="checkbox"/> | | | | | | | <input type="checkbox"/> | | | |
| If more than 6 feet above | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Overhand bricklaying | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | <input type="checkbox"/> | | |
| If reaching down more than 10 inches | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| If less than 50 feet in width | | | | | | | | | | | <input type="checkbox"/> |
| Precast concrete erection ^b | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Residential construction ^b | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Wall openings where the inside bottom edge is less than 39 inches above the walking/working surface | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| All other walking/working surfaces not other wise addressed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |

^a unless demonstratively unfeasible (see Section 2 below)

^b with toeboards

GS *Guardrail System*

SNS *Safety Net system*

PFAS *Personal Fall Arrest System*

C *Covers*

PDS *Positioning Device System*

F *Fences*

B *Barricade*

EG *Equipment Guards*

CAZ *Controlled Access Zone*

WLS *Warning Line System*

SMS *Safety Monitoring System*

2. *Note:* If Company employees *construct* a leading edge for which conventional fall protection (fall restraint, positioning system devices, or personal fall arrest systems) will not be used, additional information must be included in the fall protection plan and must follow all requirements in the Company Fall Protection Policy.

3. Describe the correct procedure for handling, storage, and securing of tools and material:

4. Describe the method of providing overhead protection for workers who may be in, or pass through, the area below:

- | | |
|--|---|
| <input type="checkbox"/> Barricading | <input type="checkbox"/> Toeboards on scaffolds and floor opening |
| <input type="checkbox"/> Hard hats required | <input type="checkbox"/> Warning signs |
| <input type="checkbox"/> Other Describe: _____ | |

5. Describe the method for prompt, safe removal of injured workers:

- | | |
|---|---|
| <input type="checkbox"/> Initiate emergency response (911) | <input type="checkbox"/> Use drop lines or retraction devices |
| <input type="checkbox"/> Utilize lift truck or personnel platform | <input type="checkbox"/> Utilize scaffolds |
| <input type="checkbox"/> Other (describe): _____ | |

6. Describe the method used to determine the adequacy of attachment points:

- | | |
|---|--|
| <input type="checkbox"/> Manufacturer's data | <input type="checkbox"/> Existing engineering/design documents |
| <input type="checkbox"/> Evaluation by qualified engineer | <input type="checkbox"/> Good faith assessment |

7. Identify the employees working at/near a "leading edge" (if applicable or N/A).

8. Identify the safety monitor(s) (if applicable – or N/A):

9. Identify and justify selecting controlled access zone and/or safety monitor (if applicable – or N/A):

Approvals

Fall Protection Plan Completed By: _____

Approved By: _____

Responsible Supervisor: _____

Date: _____

Employee Acknowledgement:

By my signature below, I acknowledge that I have received instruction and understand the requirements of this specific Fall Protection Work Plan. I have been given the opportunity to ask questions and have received answers, instruction, and clarification to my questions. I understand the contents of and agree to follow the requirements in this Fall Protection Work Plan.

Changes to the Plan:

Approved by (Qualified Person): _____

LADDER AND STAIRWAY POLICY

Purpose:

The purpose of this Policy is to establish rules and guidelines for the safe use of ladders and stairways on Tremco projects and property.

Responsibility:

All employees who use ladders or stairways on Tremco projects or property must comply with the requirements of this Policy. Any employee who observes any violation of this Policy on a Tremco project or on Tremco property must immediately report it to his/her supervisor or to the EHS Department.

Requirements:

The most common method for Tremco employees to access elevated work areas, such as roofs, is to use a ladder or a stairway. All Tremco employees must comply with OSHA ladder and stairway safety requirements. OSHA divides ladder and stairway safety requirements into two separate sections:

1. 29 CFR 1910 Subpart D – Walking Working Surfaces, specifically:
 - 1910.24 - Fixed Industrial Stairs;
 - 1910.25 - Portable Wood Ladders;
 - 1910.26 - Portable Metal Ladders; and
 - 1910.27 - Fixed Ladders.
2. 29 CFR 1926. Subpart X – Ladders. Subpart X is divided into several sections including:
 - 1926.1050 - Scope, Supplication, and Definitions;
 - 1926.1051 - General Requirements.
 - 1926.1052 - Stairways;
 - 1926.1053 – Ladders;
 - 1926.1060 - Training Requirements; and
 - 1926 Subpart X App A – Ladders

General Requirements for Ladders and Stairways:

All Tremco employees must comply with the following general requirements for the use of ladders and stairways on Tremco projects and property:

1. When there is a break in elevation of 19 inches or more and no ramp, runway, embankment or personnel hoist is available, a stairway or ladder must be provided at all worker points of access.

2. When there is only one point of access between levels, it must be kept clear of obstacles to permit free passage by workers. If free passage becomes restricted, a second point of access must be provided and used.
3. When there are more than two points of access between levels, at least one point of access must remain clear at all times.
4. When ladders are the only means of access or exit from a working area for 25 or more employees, or when a ladder is to serve simultaneous two-way traffic, 2 or more separate ladders must be provided.
5. The use of ladders must comply with Tremco's Fall Protection and Material Handling Policies.

Basic Standards for Selection, Set-up, Use and Maintenance of Ladders:

Some basic standards for selection, set up, use and maintenance of ladders on Tremco jobsites are given below. These rules follow OSHA regulations and also reflect jobsite experience and customer qualification requirements.

Ladder Selection:

1. All Tremco employees using portable ladders to access heights greater than 6 feet must use at least a Type I Heavy Duty rated ladder.
2. Ladder rungs, cleats and steps must be parallel and level when the ladder is in position for use.
3. Rungs, cleats and steps of portable non-extendable ladders must be uniformly spaced 10 to 14 inches apart.
4. Rungs, cleats and steps of the base sections of extension ladders must be uniformly spaced 8 to 18 inches apart; rungs, cleats and steps of the extension sections of extension ladders must be uniformly spaced 6 to 12 inches apart.
5. Side rails of portable ladders must be at least 11 1/2 inches apart.
6. The rungs and steps of metal ladders must be corrugated, knurled, dimpled, coated with skid-resistant material or otherwise treated to minimize slipping.

Ladder Set-Up:

1. Ladder feet must be placed on a stable, level, non-slippery surface.
2. Ladder safety shoes, spurs or spikes must be used to secure ladder footing.
3. Ladders must be set up on the ground; ladders must never be set up on boxes, barrels or other objects to obtain additional height.
4. Portable ladders must extend at least 3 feet beyond the roof.

5. The rails of a ladder must be leaned against the roof so that the ladder is level and each rail is supporting an equal weight.
6. You must use a stabilization accessory or have someone hold the ladder until it can be tied off at the top to prevent accidental displacement.
7. Portable ladders must be set up at a 4:1 angle (for every 4 feet vertical, come out 1 foot from the base, as shown in the illustration below.)
8. Whenever a stepladder is used, the metal spreaders must be locked to keep the siderails of the sections apart.
9. Ladders must never be tied or fastened together to make longer sections unless they are specifically designed for that purpose.
10. Unless the ladder is placed in a low-traffic area, barricades must be placed around the bottom to prevent people from walking into it.

Ladder Use:

1. Metal ladders must not be used in areas where electrical wires and/or equipment or other sources of electrical power are present. Always maintain a safe work distance from power lines (at least 20 feet), even when using a fiberglass ladder.
2. When climbing a ladder, employees must face the ladder at all times and maintain 3 points of contact.
3. Do not use the top 2 steps of a stepladder or climb on the bracing.
4. Never use a stepladder in the folded position.
5. Do not carry objects or loads that could cause loss of balance or falling.
6. Never use a ladder for other than its intended purpose.
7. Never move, shift, or extend a ladder while it is in use.
8. The area around the top and bottom of ladders must be kept clear of debris.
9. The load on any ladder must never exceed the ladder's intended load or the manufacturer's rated capacity.
10. A ladder fall protection system is required when Tremco employees are using a vertical fixed ladder with a climb over 24 feet.

Ladder Maintenance:

1. Ladders must be kept free of oil, grease, or anything that may cause a slipping hazard.
2. A competent person must inspect ladders before each use and check for physical damage or deterioration.
3. Ladders with structural defects, such as broken or missing rungs, cleats or steps; broken or split rails; corroded components; or other faulty or defective parts, must be removed from service and tagged with a “Do Not Use” tag.
4. No broken or deteriorated ladder may be returned to use until it has been returned to its original undamaged and sound condition.
5. If a ladder tips over it must be inspected by a competent person prior to being returned to service. Ladders must be removed from service and tagged “Do Not Use” if they have side rail dents or bends; excessively dented rungs; loose or damaged side-to-rail connections; or loose or damaged rivets.

Stairways:

All Tremco employees are required to comply with OSHA regulations regarding stairway construction, maintenance and usage on Tremco jobsites. The rules covering stairways and their components generally depend on how and when stairs are used. Specifically, there are rules for stairs used during construction and stairs used temporarily during construction, as well as rules governing stair rails and handrails. If you have any questions or concerns regarding the safety of a stairway that will be used by Tremco employees on a jobsite, consult your supervisor or the EHS Department.

Tremco employees will rarely be required to construct a stairway on a jobsite. In the event that you are required to construct a stairway, consult your supervisor or the EHS Department prior to beginning work.

Ladder and stairway retraining will be provided as often as necessary to ensure that employees understand and retain the required knowledge for using ladders and stairways safely.

Training:

Any Tremco employee using a ladder must be trained by a competent person in the following:

1. The nature of fall hazards that may be encountered on Tremco jobsites;
2. The correct procedures for selection, set-up, use and maintenance of ladders and stairways;
3. The maximum intended load-carrying capacities of various types of ladders; and
4. The standards contained in 29 CFR 1910 Subpart D and 29 CFR 1926 Subpart X.

10. Submittal and Substantiating Documentation

10. SUBMITTAL AND SUBSTANTIATING DOCUMENTATION

WTI, a wholly owned subsidiary of Tremco, has provided submittal and substantiating information throughout this section to support the contract forms and documents provided in the IFB.

10.1. Offeror must, through its response, clearly identify the type, kind, and level of products offered with their intended applications found within the AEPA Member states that have indicated an interest to participate. The response shall include:



10.1.1 THE PRODUCTS OFFERED WITH MANUFACTURER'S NAME(S).

WTI's parent company, Tremco, provides a variety of roofing and waterproofing products and systems including those listed alphabetically below. Tremco's product support is handled by our Product Management Group. Led by Mike Steele, Vice President of Product and Technical Services, it encompasses 38 individuals who are knowledgeable and experienced in all Tremco products and systems. More products and solutions are available based upon AEPA member needs.

- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- AlphaGuard® C-Prime
- AlphaGuard® Glass Mat
- AlphaGuard® M-Prime
- AlphaGuard® MT Base Coat
- AlphaGuard® MT Top Coat
- AlphaGuard® PUMA Base Coat
- AlphaGuard® PUMA Catalyst
- AlphaGuard® PUMA Cleaner
- AlphaGuard® PUMA THIX
- AlphaGuard® PUMA Top Coat
- AlphaGuard® Si 70
- AlphaGuard® Si 100
- AlphaGuard® Si FIL
- AlphaGuard® Si Primer
- AlphaGuard® WB Primer
- Alumanation® 301
- Aluminum Mastic
- Aluminum Stone
- Battery-Powered Cartridge Gun
- BLACLASTIC
- Brush Grade Mastic
- BURmastic® Adhesive
- BURmastic® Adhesive SF
- BURmastic® Adhesive LV
- BURmastic® Composite Ply HT
- BURmastic® Composite Ply HT Green
- BURmastic® Composite Ply Premium
- BURmastic® Glass Ply
- BURmastic® Green
- BURmastic® Supreme Composite Ply
- BURmesh®
- Cured Cover Strip
- Cyclone Adhesive Pump Cart
- DECKTITE™ 100 CP
- DECKTITE™ 235 GS
- DECKTITE™ WDS (also called Water Dispersed Silane)
- DECKTITE™ WDS Equipment Cleaner
- Double-Duty Aluminum™ LV
- ELS™
- ELS™ Winter Grade
- Fas-n-Free® Applicator Cart
- Fas-n-Free® Insulation Adhesive
- Fiberplate® Stair Tread Covers
- Fleece Back WB Single Ply Bonding Adhesive
- Geogard® Primer
- Geogard® Seam Sealer
- Hypalon® Elastomeric Sheeting
- Low Rise Foam Insulation Adhesive
- Low Rise Foam Insulation Adhesive Green
- Multi-Bead Applicator
- Multi-Bead Applicator Plus
- Permafab Polyester Fabric
- Permaroof® GWS
- Pneumatic Cartridge Gun
- POLYroof® LV
- POLYroof® SF
- PolyTHERM Roofing Ply
- Portable Bulk Tanks
- POWERply® 300 FR
- POWERply® 300 Smooth
- POWERply™ APP Base Sheet
- POWERply™ APP FR
- POWERply™ APP Smooth



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- POWERply™ HE Base Sheet
- POWERply™ HE FR
- POWERply™ HE FR Plus
- POWERply™ Heavy Duty Base Sheet
- POWERply™ HT FR
- POWERply™ Plus HT Smooth
- POWERply™ Premier FR
- POWERply™ Premium Smooth
- POWERply™ Rubberized Cold Adhesive
- POWERply™ SA Base Sheet
- POWERply™ SA FR
- POWERply™ SBS Base HW
- POWERply™ SBS Deluxe HWS
- POWERply™ Standard
- POWERply™ Standard Cold Adhesive
- POWERply™ Standard Cold Adhesive LV
- POWERply™ Standard FR
- POWERply™ Standard FR GT24W
- POWERply™ Standard FRT24
- POWERply™ Supreme FR
- POWERply™ Supreme Smooth
- POWERply™ Premium Smooth
- Premium III™
- Premium III™ Pak-Free Asphalt
- Premium IV™
- Premium IV™ Pak-Free Asphalt
- Primer #171
- Primer/Splice Wash
- Primer/Splice Wash LV
- Reglet Joint Sealant
- Republic Fluoro-Prime
- Rock-It™ Adhesive
- Rock-It® Adhesive WB
- Rubber Triangle Pipe Blocks
- Sheeting Bond™
- Sheeting Bond™-Black
- Skylight Coating Clear
- Solargard® Acrylic Sealer
- Solargard® Clear Coat
- Solargard® Hy-Build
- Solargard® Masonry Primer
- Solargard® Rust Primer WB
- Solargard® Seam Sealer
- THERMastic® Adhesive
- THERMastic® 80 Adhesive
- THERMastic® 150
- THERMglass™ Premium VI
- THERMglass™ Type IV
- TPA Coated Metal
- TPA FB Single Ply Roof System
- TPA Flashing Membrane
- TPA LV Single Ply Bonding Adhesive
- TPA Prefabricated Universal Corners
- TPA Prefabricated Vent Pipe Boots
- TPA Single Ply Bonding Adhesive
- TPA Unreinforced Flashing membrane
- TPA Walkway Roll
- TPO 45 Mil Perimeter Sheet
- TPO 55 Mil Reinforced Membrane
- TPO Coated Metal
- TPO FB Single Ply Roof System
- TPO Single Ply Bonding Adhesive
- TPO Single Ply Roof System
- TPO Walkway Roll
- TRA Elastomeric Sheeting
- Tremco/#1 White Marble Roofing Aggregate
- Tremco/A-1 Grit Snow White Marble Roofing Aggregate
- Tremco AVC Membrane
- Tremco AVC Primer
- Tremco/Blue Ridge Fiberboard Structodek HD with Primed Red Coating
- Tremco/ES Products Twin Loc-Nail
- Tremco Fasteners & Discs
- Tremco/GP Gypsum Dens-Deck®
- Tremco LF Adhesive
- Tremco Low Rise Foam Insulation Adhesive
- Tremco Low Rise Foam Insulation Adhesive Green
- Tremco LR Adhesive
- Tremco SP Primer
- Tremco/USG Securorock®
- Tremfix®
- TremFlash Tape
- Trem-Lar® LRM
- Trem-Lar® PTM
- TremLastic S
- Tremline Fascia & Extenders
- TremLock® 7.2"
- TremLock® Coping
- TremLock® EES Fascia
- TremLock® Fascia
- TremLock® Flexx Wall Panel System
- TremLock® Flush Panel Wall System
- TremLock® Invisi-Lap
- TremLock® M Panel
- TremLock® Mini-Rib
- TremLock® R Panel
- TremLock® R Plus Panel
- TremLock® Shadow-Rib
- TremLock® Slope
- TremLock® Soffit Panel



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- TremLock® Tri-Rib
- TremLock® "U" Panel
- TremLock® Ultra-Rib
- TremPly® HP 4510
- TremPly® KEE Systems and Flashing Accessories
- TREMprime™ LV
- TREMprime™ WB
- TREMprime™ QD Low Odor
- TremSEAL® HP
- TremSEAL® Pitch Pocket Sealer
- TremSEAL® D
- TremSEAL® S
- Trem-Tred®
- Trisotech® Insulation
- Trisotech® Tapered Insulation
- Uncured Flashing
- Universal Color Paks
- VR RootBloc 10

In addition to the products provided by Tremco, WTI's general contracting program provides AEPA members with the services outlined below.

- General Contracting
 - Single-source responsibility for construction projects
- Patch and Repair
 - Minor to major repairs of existing roofing systems
- Roof Inspections/Analysis
 - Reporting – detailed roof inspection and reporting using WTI's on-line information OLI® system
 - Thermocore – infrared roof moisture survey
 - Tremco Roof Analysis Core Evaluation (TRACE®) – detailed laboratory roof-core analysis
 - Asbestos Core Test (ACT®) – National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory asbestos analysis
- Roof Maintenance
 - TremCare® roof maintenance system customized to meet specific system needs
- Construction Management Services (CMS) – Through our CMS program, WTI can assume responsibility for managing roofing projects for AEPA members and put our experts in charge of the intensive, time-consuming, daily demands of administration, budgeting, scheduling, quality control and on-site supervision. When it comes to safeguarding your roofing investment, relying on warranties is not enough. The best protection is a properly managed roofing project. Daily oversight and quality concerns are left to WTI's seasoned experts and safety inspections are performed every day. WTI's CMS gives AEPA members in-house control without in-house headaches on the following elements.
 - Preparing design and construction drawings
 - Assisting in preliminary planning relative to construction
 - Selecting contracts and contractor awards
 - Liaison with authorities having jurisdiction
 - Budgeting, reporting and maintenance of records
 - Project organization and administration
 - Scheduling
 - Cost controls and accounting
 - Procurement and expediting
 - Site construction oversight
 - Quality assurance and safety

Complete project management means taking responsibility for all activities required for AEPA members' roofing and building envelope projects, in a manner that seamlessly integrates with their operations. To keep the project on target, the fastidious oversight of daily construction activities is crucial. This is second nature to our seasoned Project Managers, who know that proper schedule control is about much more than timeframes. By keeping a realistic but flexible schedule that tracks and analyzes work progress and costs, projects can be completed both earlier and more cost-effectively. Everything about the project is documented and presented to the member. From



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coordinating schedules and directing contractors to managing quality control, cost savings and safety measures, WTI helps AEPA members easily keep tabs on it all.

As necessary, WTI/Tremco will make use of non-Tremco materials to include the products listed below.

Polyisocyanurate Board

- Energy-3 (Johns Manville)
- EnergyGuard (GAF Materials Corporation)
- ISO 95+™ GL (Firestone)
- Polyisocyanurate (Hunter Panels)
- ACfoam-II (Atlas)

High-Density Fiberboard

- FiberTop Cover Board (Firestone)
- Structodek® HD (Blue Ridge Fiberboard)

Gypsum Roof Board

- DensDeck® (Georgia-Pacific Gypsum Corporation)
- USG Securock® Brand (United States Gypsum Company)

EPDM Roof Membrane System

- Sure-Seal® EPDM in 45 mil, 60 mil and 90 mil (Carlisle SynTec Incorporated)
- Fire Retardant (FR) RubberGard™ EPDM Membrane (Firestone)
- RubberGard™ Platinum™ EPDM Membrane (Firestone)

Asphalt Shingles

- Landmark® Pro (CertainTeed Corporation)
- Timberline Ultra HD® Shingles (GAF Materials Corporation)
- Legacy Shingles (Malarkey Roofing Products)
- Oakridge Shingles (Owens Corning)
- Heritage Shingles (TAMKO Roofing Products, Inc.)

PVC Roofing

- FiberTite® PVC membranes in 36 mil, 45 mil, 50 mil, 60 mil (FiberTite)
- Sarnafil® G 410 in 60 mil, 72 mil and 80 mil (Sika Sarnafil)
- PARASOLO™ PVC membranes and accessories (Siplast)
- SENTINEL PVC roofing system and accessories (SOPREMA)

MB Roofing

- FiberTite® SBS Base (FiberTite)
- Single-Ply SBS-MB Membranes (Siplast)
- Multi-Ply SBS-MB Membranes (Siplast)
- MB Roof System Accessories (Siplast)
- MB Systems including COLPHENE, ELASTOPHENE, SOPRASMART, ULTRA-STICK, SOPRALENE, SOFALASTIC, SOFAFIX, SOPRA, SOPRABOARD, UNILAY and COLVENT (SOPREMA)

Liquid-Applied Membranes

- PMMA Liquid-Applied Roofing - PARAPRO (Siplast)
- PARAFLEX Liquid Membrane System (Siplast)
- ALSAN and COLPHENE products (SOPREMA)



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10.1.2 IF OFFEROR IS NOT THE ROOFING SYSTEMS'/PRODUCTS' MANUFACTURER, FOR EACH MANUFACTURER, PROVIDE THE REQUIRED DOCUMENTATION TO DEMONSTRATE THEIR RELATIONSHIP WITH, AWARENESS OF AND WILLINGNESS, ABILITY AND CAPACITY TO PERFORM AS A PARTY TO THIS SOLICITATION AND INDICATING THE OFFEROR IS A MANUFACTURER'S AUTHORIZED AND CERTIFIED DISTRIBUTOR, INSTALLER AND WARRANTY WORK PROVIDER.

Tremco, WTI's parent company, manufactures their own products and will be the primary manufacturer used to provide roofing systems, envelope-protective coatings and other related products and services for the AEPA Contract. We have included a letter on the following page from Tremco indicating that WTI is an authorized and certified distributor, installer and warranty work provider. Tremco manufactures a complete line of roofing products to meet virtually every need in a roofing environment. Where necessary, WTI will make use of non-Tremco materials such as insulations, decking, shingles/tile and waterproofing membranes, metal, single-ply, foam, coatings and adhesives to best meet the needs of the roofing system and the member.

WTI has business relationships with and utilizes roofing subcontractors who are certified and approved in the installation of other manufacturers roofing systems. Through the use of our certified subcontractor base, we can supply multiple manufactured materials for all roof systems that are manufactured, including shingles, metal, built-up roof (BUR), modified bitumen (MB), single plies, wood shakes, concrete or clay tile, sprayed-foam applications, waterproofing, etc. Our more than 1,900 Approved, Certified and Elite subcontractors are approved in the application of a variety of roofing systems including Tremco's roofing system, Atlas, Blue Ridge Fiberboard, Carlisle SynTec Incorporated, CertainTeed Corporation, FiberTite, Firestone, GAF Materials Corporation, Georgia-Pacific Gypsum Corporation, Hunter Panels, Johns Manville, Malarkey Roofing Products, Owens Corning, Sika Sarnafil, Siplast, SOPREMA, TAMKO Roofing Products, Inc., United States Gypsum Company, as well as a variety of local manufacturers directed by the local school districts. A sampling of Subcontractor Authorization Letters from these manufacturers are provided in *Part B – Technical Specifications Attachments – WTI* as demonstration of our ability to provide products offered by other manufacturers.

When owner requirements or structural conditions require another type of roofing systems, we search our contractor database to find the contractor who is an approved installer of the system required and customize the solution to best suit the situation. We will ensure the products selected, as well as the installation procedures, meet all minimum specifications in accordance with AEPA member expectations. WTI will also provide the required two-year labor and installation warranty on all Tremco and non-Tremco manufactured products. In addition, a school district can purchase from Tremco a full-performance warranty for 5-, 10-, 15- or 20-years on a non-Tremco manufactured system. As a result of the unique relationships we have with roofing subcontractors certified and approved in the installation of other manufacturers roofing systems, other material manufacturer's warranties can be provided on projects sold through WTI.



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Roofing & Building Maintenance
8 Main Street, Flemington, NJ 08822
Tel: 800.628.7501 Fax: 908.782.1898

August 12, 2020

State of New Jersey
Division of Property Management and
Construction 33 W. State Street
Trenton, NJ 08625

To whom it may concern,

Weatherproofing Technologies, Inc., (WTI), based in Beachwood, Ohio, is the service division of Tremco Incorporated since 1995. WTI is authorized to install Tremco specified roofing systems throughout the country in accordance with Tremco's Approved Roofing Contractor Program and Approved Contractor Agreement. Weatherproofing Technologies, Inc. is a certified applicator and installer of Tremco products that include the following types of roof systems.

- Built-up roof systems
- Modified bitumen roof systems
- TPO and TPA single-ply systems
- Restoration membrane roof systems
- Metal roof systems
- Sealants
- Building restoration products

Our contractor partnerships are based on quality products, services, and installations.

Should you have questions or need further clarification, please feel free to contact me.

Sincerely,

Donna Buck
Administrative Assistant
Tremco Roofing & Building Maintenance
T. 800.628.7501
F. 908.782.1898
Email: dbuck@tremcoinc.com
8 Main Street-Ste. 1, Flemington, NJ 08822
www.tremcoroofing.com



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10.1.3 THE VARIOUS KINDS, TYPES, LEVELS OF PRODUCTS OFFERED FROM EACH.

As shown in the list provided in 10.1.1 above, Tremco, along with our certified subcontractors, offers a variety of roofing systems, insulations/substrates, flashings/fascia, coatings, sealants and metal products to address the roofing and weatherproofing needs of AEPA members. We have included product specification sheets with our submittal to illustrate the various kinds, types and levels of products offered by Tremco as well as other roofing manufacturers.

10.1.4 SUBMIT FOR EACH OF THE MAJOR PRODUCT COMPONENTS SPECS AND SDS SHEETS.

WTI has provided product specification sheets and Safety Data Sheet (SDS) sheets for each of the major Tremco product components offered to AEPA members as well as the major product components offered from other roofing manufacturers. Component specifications and SDS sheets are provided in *Part B – Technical Specifications Attachments – WTI* in the order listed below.

- Tremco
- Atlas
- Blue Ridge Fiberboard
- Carlisle SynTec Incorporated
- CertainTeed Corporation
- FiberTite
- Firestone
- GAF Materials Corporation
- Georgia-Pacific Gypsum Corporation
- Hunter Panels
- Johns Manville
- Malarkey Roofing Products
- Owens Corning
- Sika Sarnafil
- Siplast
- SOPREMA
- TAMKO Roofing Products, Inc.
- United States Gypsum Company

10.1.5 FOR EACH OF THE ROOFING SYSTEMS/MAJOR COMPONENTS IN WHICH THE OFFEROR IS NOT THE MANUFACTURER, PROVIDE THE MANUFACTURERS/SUPPLIER’S NAME, COMPONENT AND THE COMPOSITION/SPECS OF THE COMPONENT(S).

WTI is proposing roofing systems manufactured by Tremco and other roofing manufacturers as detailed in **Table 10-1** through our network of more than 1,900 Approved, Certified and Elite subcontractors. When owner requirements or structural conditions require another type of roofing systems, an approved installer of the system required will be selected and the requested products provided to the AEPA member, as requested. We will ensure the products selected, as well as the installation procedures, meet all minimum specifications in accordance with AEPA member expectations.

Table 10-1. Roofing systems/major components in which Tremco is not the manufacturer.

| Manufacturer Name | Component Offered | Composition/Spec |
|---|--|--|
| Roof Insulation and Cover Boards | | |
| Polyisocyanurate Board | | |
| Johns Manville | ▪ Energy-3 | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| GAF Materials Corporation | ▪ EnergyGuard | |
| Firestone | ▪ ISO 95+™ GL | |
| Hunter Panels | ▪ Polyisocyanurate | |
| Atlas | ▪ ACFoam-II | |
| High Density Fiberboard | | |
| Firestone | ▪ FiberTop Cover Board | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Blue Ridge Fiberboard | ▪ Structodek® HD | |
| Gypsum Roof Board | | |
| Georgia-Pacific Gypsum Corporation | ▪ DensDeck® | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| United States Gypsum Company | ▪ USG Securock® | |
| EPDM Roof Membrane Systems | | |
| Carlisle SynTec Incorporated | ▪ Sure-Seal® EPDM in 45 mil, 60 mil and 90 mil | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |



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| Manufacturer Name | Component Offered | Composition/Spec |
|------------------------------|--|--|
| Firestone | ▪ FR RubberGard™ EPDM Membrane | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Firestone | ▪ RubberGard™ Platinum™ EPDM Membrane | |
| Asphalt Shingles | | |
| CertainTeed Corporation | ▪ Landmark® Pro | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| GAF Materials Corporation | ▪ Timberline Ultra HD® Shingles | |
| Malarkey Roofing Products | ▪ Legacy Shingles | |
| Owens Corning | ▪ Oakridge Shingles | |
| TAMKO Roofing Products, Inc. | ▪ Heritage Shingles | |
| PVC Roofing | | |
| FiberTite | ▪ 36 mil FiberTite-FB | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| FiberTite | ▪ 36 mil FiberTite | |
| FiberTite | ▪ 45 mil FiberTite-SM | |
| FiberTite | ▪ 45 mil FiberTite-SM-FB | |
| FiberTite | ▪ 50 mil FiberTite-XT | |
| FiberTite | ▪ 50 mil FiberTite-XT-FB | |
| FiberTite | ▪ 60 mil FiberTite-SM | |
| FiberTite | ▪ 60 mil FiberTite-SM-FB | |
| FiberTite | ▪ 60 mil FiberTite-XT | |
| FiberTite | ▪ 60 mil FiberTite-XTreme FB | |
| FiberTite | ▪ 60 mil FiberTite-XTreme | |
| Sika Sarnafil | ▪ Sarnafil® G 410-60 | |
| Sika Sarnafil | ▪ Sarnafil® G 410-72 | |
| Sika Sarnafil | ▪ Sarnafil® G 410-80 | |
| Siplast | ▪ PARASOLO™ FLEXSEAL™ Caulk Grade Sealant | |
| Siplast | ▪ PARASOLO™ POLYMAT | |
| Siplast | ▪ PARASOLO™ PVC Quick-Lay Adhesive | |
| Siplast | ▪ PARASOLO™ PVC Bonding Adhesive | |
| Siplast | ▪ PARASOLO™ PVC Fleece-Back Sheets: 50-60-80 mil | |
| Siplast | ▪ PARASOLO™ PVC Kee Conical Pipe Boot | |
| Siplast | ▪ PARASOLO™ PVC Kee Corner Curb Wrap | |
| Siplast | ▪ PARASOLO™ PVC Kee Detailing Membrane | |
| Siplast | ▪ PARASOLO™ PVC Kee Fleece-Back Sheets: 50-60-80 mil | |
| Siplast | ▪ PARASOLO™ Kee Fluted Corners | |
| Siplast | ▪ PARASOLO™ PVC Kee Smooth-Surfaced Sheets: 50-60-80 mil | |
| Siplast | ▪ PARASOLO™ Split Pipe Boot | |
| Siplast | ▪ PARASOLO™ Kee Universal Corner | |
| Siplast | ▪ PARASOLO™ PVC Smooth-Surface Sheets: 50-60-80 mil | |



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| Manufacturer Name | Component Offered | Composition/Spec |
|-------------------|-------------------------------------|--|
| Siplast | ▪ PARASOLO™ Walkway Rolls | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Siplast | ▪ PARASOLO™ PVC-Coated Metal Sheets | |
| Siplast | ▪ PARASOLO™ Waterblock Sealant | |
| SOPREMA | ▪ SENTINEL PVC Pipe Flashings | |
| SOPREMA | ▪ SENTINEL PVC Corners | |
| SOPREMA | ▪ SENTINEL VCM | |
| SOPREMA | ▪ SENTINEL S Bonding Adhesive | |
| SOPREMA | ▪ SENTINEL Copper Art P150 HFB | |
| SOPREMA | ▪ SENTINEL Silver Art P150 HFB | |
| SOPREMA | ▪ SENTINEL P200 | |
| SOPREMA | ▪ SENTINEL Boot Flashing | |
| SOPREMA | ▪ SENTINEL Universal Sealant | |
| SOPREMA | ▪ SENTINEL Copper Art P150 | |
| SOPREMA | ▪ SENTINEL Cut Edge Sealant | |
| SOPREMA | ▪ SENTINEL G150 | |
| SOPREMA | ▪ SENTINEL G200 | |
| SOPREMA | ▪ SENTINEL H2O Bonding Adhesive | |
| SOPREMA | ▪ SENTINEL PVC Molded Corners | |
| SOPREMA | ▪ SENTINEL PVC Universal Corners | |
| SOPREMA | ▪ SENTINEL P150 | |
| SOPREMA | ▪ SENTINEL P150 HFB | |
| SOPREMA | ▪ SENTINEL P200 HFB | |
| SOPREMA | ▪ SENTINEL PVC Profile Bars | |
| SOPREMA | ▪ SENTINEL Silver Art P150 | |
| SOPREMA | ▪ SENTINEL Skirted Drip Edge | |
| SOPREMA | ▪ SENTINEL T-Joint Patches | |
| SOPREMA | ▪ SENTINEL Walkway Pad | |
| MB Roofing | | |
| FiberTite | ▪ FiberTite® SBS Base | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Siplast | ▪ Paradiene 20 EG | |
| Siplast | ▪ Paradiene 20 EG SA | |
| Siplast | ▪ Paradiene 20 EG TG | |
| Siplast | ▪ Paradiene 20 F | |
| Siplast | ▪ Paradiene 20 HT | |
| Siplast | ▪ Paradiene 20 HT SA | |
| Siplast | ▪ Paradiene 20 HT TG F | |
| Siplast | ▪ Paradiene 20 HT TG | |
| Siplast | ▪ Paradiene 20 HT TS | |
| Siplast | ▪ Paradiene 20 HT TS F | |
| Siplast | ▪ Paradiene 20 HV | |
| Siplast | ▪ Paradiene 20 HV TG | |
| Siplast | ▪ Paradiene 20 HV TS F | |
| Siplast | ▪ Paradiene 20 HV TS | |
| Siplast | ▪ Paradiene 20 PR | |
| Siplast | ▪ Paradiene 20 PR TG | |
| Siplast | ▪ Paradiene 20 | |
| Siplast | ▪ Paradiene 20 SA F | |



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| Manufacturer Name | Component Offered | Composition/Spec |
|-------------------|--------------------------------------|--|
| Siplast | ▪ Paradiene 20 SA | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Siplast | ▪ Paradiene 20 TG F | |
| Siplast | ▪ Paradiene 20 TG | |
| Siplast | ▪ Paradiene 20 TS F | |
| Siplast | ▪ Paradiene 20 TS | |
| Siplast | ▪ Paradiene 20 TS SA F | |
| Siplast | ▪ Paradiene 20 TS SA | |
| Siplast | ▪ Paradiene 30 BW | |
| Siplast | ▪ Paradiene 30 FR BW | |
| Siplast | ▪ Paradiene 30 FR | |
| Siplast | ▪ Paradiene 30 FR TG BW | |
| Siplast | ▪ Paradiene 30 FR TG | |
| Siplast | ▪ Paradiene 30 HT BW | |
| Siplast | ▪ Paradiene 30 HT FR | |
| Siplast | ▪ Paradiene 30 HT FR TG BW | |
| Siplast | ▪ Paradiene 30 HT FR TG | |
| Siplast | ▪ Paradiene 30 HT | |
| Siplast | ▪ Paradiene 30 HT TG BW | |
| Siplast | ▪ Paradiene 30 HT TG | |
| Siplast | ▪ Paradiene 30 MW FR BW | |
| Siplast | ▪ Paradiene 30 MW FR | |
| Siplast | ▪ Paradiene 30 | |
| Siplast | ▪ Paradiene 30 TG BW | |
| Siplast | ▪ Paradiene 30 TG | |
| Siplast | ▪ Paradiene 40 FR BW | |
| Siplast | ▪ Paradiene 40 FR | |
| Siplast | ▪ Paradiene 40 FR TG BW | |
| Siplast | ▪ Paradiene 40 FR TG | |
| Siplast | ▪ Teranap 1M GS | |
| Siplast | ▪ Teranap 1M Sand | |
| Siplast | ▪ Veral Aluminum | |
| Siplast | ▪ Veral Polar White Spectra | |
| Siplast | ▪ Veral Stainless Steel | |
| Siplast | ▪ Parafor 30 BW | |
| Siplast | ▪ Parafor 30 | |
| Siplast | ▪ Parafor 30 TG BW | |
| Siplast | ▪ Parafor 30 TG | |
| Siplast | ▪ Parafor 50 LT BW | |
| Siplast | ▪ Parafor 50 LT | |
| Siplast | ▪ Parafor 50 TG BW | |
| Siplast | ▪ Parafor 50 TG | |
| Siplast | ▪ Siplast No. 11 BW Roofing Granules | |
| Siplast | ▪ Irex 40 | |
| Siplast | ▪ Irex HT | |
| Siplast | ▪ Noxite® Roofing Granules | |
| Siplast | ▪ NVS Fastener | |
| Siplast | ▪ PA-311 Adhesive | |
| Siplast | ▪ PA-311 M Adhesive | |



10. Submittal and Substantiating Documentation

| Manufacturer Name | Component Offered | Composition/Spec |
|-------------------|-----------------------------------|--|
| Siplast | ▪ PA-311 R Adhesive | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Siplast | ▪ PA-505 Asphalt Specialty Primer | |
| Siplast | ▪ PA-828 Flashing Cement | |
| Siplast | ▪ PA-917 Primer | |
| Siplast | ▪ PA-917 LS Primer | |
| Siplast | ▪ PA-1021 Plastic Cement | |
| Siplast | ▪ PA-1125 Primer | |
| Siplast | ▪ Paracoat Roof Coating | |
| Siplast | ▪ Paracoat HS Roof Coating | |
| Siplast | ▪ Parafast Insulation Adhesive C | |
| Siplast | ▪ Parafast Insulation Adhesive | |
| Siplast | ▪ Parafast Insulation Adhesive T | |
| Siplast | ▪ RhinoBond Metal Plates | |
| Siplast | ▪ Parafast Roofing Fastener | |
| Siplast | ▪ Parafast CD-10 Fastener | |
| Siplast | ▪ Parafast HD Fastener | |
| Siplast | ▪ Parafast LD Fastener | |
| Siplast | ▪ Parafast PA Roofing Fastener | |
| Siplast | ▪ Parafast XHD Fastener | |
| Siplast | ▪ Parafast Metal Plates | |
| Siplast | ▪ Paradrain 40 Filter Fabric | |
| Siplast | ▪ Paradrain Drainage Mat | |
| Siplast | ▪ Paradrain Drainage Plate | |
| Siplast | ▪ Paraguard Drain | |
| Siplast | ▪ ParaLok Fastener | |
| Siplast | ▪ Para-Stik | |
| Siplast | ▪ PC-227 Elastomeric Roof Coating | |
| Siplast | ▪ PC-227 Fabric | |
| Siplast | ▪ PS-715 NS Elastomeric Sealant | |
| Siplast | ▪ PS-209 Elastomeric Sealant | |
| Siplast | ▪ SFT Adhesive | |
| Siplast | ▪ SFT Cement | |
| Siplast | ▪ TA-119 Primer | |
| Siplast | ▪ Zono-tite Fastener | |
| SOPREMA | ▪ COLPHENE BSW H | |
| SOPREMA | ▪ COLPHENE 180 FR GR | |
| SOPREMA | ▪ COLPHENE 180 PS | |
| SOPREMA | ▪ COLPHENE 180 Sanded | |
| SOPREMA | ▪ COLPHENE 180 SP | |
| SOPREMA | ▪ COLPHENE 250 FR GR | |
| SOPREMA | ▪ COLPHENE 3000 | |
| SOPREMA | ▪ COLPHENE BARR Flashing | |
| SOPREMA | ▪ COLPHENE BSW V | |
| SOPREMA | ▪ COLPHENE Flam 180 FR GR | |
| SOPREMA | ▪ COLPHENE Flam 180 | |
| SOPREMA | ▪ COLPHENE Flam 250 FR GR | |
| SOPREMA | ▪ COLPHENE ICF | |
| SOPREMA | ▪ COLPHENE Sanded | |



10. Submittal and Substantiating Documentation

| Manufacturer Name | Component Offered | Composition/Spec |
|-------------------|---------------------------------|--|
| SOPREMA | ▪ COLPHENE SP 3.0 | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| SOPREMA | ▪ COLPHENE Stick | |
| SOPREMA | ▪ COLPHENE Stick GR | |
| SOPREMA | ▪ COLPHENE SP 2.2 | |
| SOPREMA | ▪ COLPHENE LM BARR | |
| SOPREMA | ▪ COLPHENE LM BARR Spray | |
| SOPREMA | ▪ ELASTOPHENE HR Sanded 2.2 | |
| SOPREMA | ▪ ELASTOPHENE HR Sanded 3.0 | |
| SOPREMA | ▪ ELASTOPHENE HS Sanded | |
| SOPREMA | ▪ ELASTOPHENE PS 3.0 | |
| SOPREMA | ▪ ELASTOPHENE Stick | |
| SOPREMA | ▪ ELASTOPHENE ULTRA-STICK | |
| SOPREMA | ▪ ELASTOPHENE Flam | |
| SOPREMA | ▪ ELASTOPHENE Flam FR GR | |
| SOPREMA | ▪ ELASTOPHENE Flam LS FR GR | |
| SOPREMA | ▪ ELASTOPHENE Sanded 2.2 | |
| SOPREMA | ▪ ELASTOPHENE LS FR GR | |
| SOPREMA | ▪ ELASTOPHENE FR GR | |
| SOPREMA | ▪ ELASTOPHENE SP 2.2 | |
| SOPREMA | ▪ ELASTOPHENE SP 3.0 | |
| SOPREMA | ▪ ELASTOPHENE FLAM FR+ GR | |
| SOPREMA | ▪ ELASTOPHENE Flam HR 3.0 | |
| SOPREMA | ▪ ELASTOPHENE Flam HR FR GR | |
| SOPREMA | ▪ ELASTOPHENE FR+ GR | |
| SOPREMA | ▪ ELASTOPHENE PS 2.2 | |
| SOPREMA | ▪ ELASTOPHENE Sanded 3.0 | |
| SOPREMA | ▪ ELASTOPHENE Stick FR GR | |
| SOPREMA | ▪ ELASTOPHENE Stick HR FR GR | |
| SOPREMA | ▪ ELASTOPHENE Flam Stick | |
| SOPREMA | ▪ ELASTOPHENE HS FR GR | |
| SOPREMA | ▪ 2-1 SOPRASMART ISO HD | |
| SOPREMA | ▪ ELASTOPHENE Flam 2.2 | |
| SOPREMA | ▪ ELASTOPHENE Flam HS FR GR | |
| SOPREMA | ▪ ELASTOPHENE HR FR GR | |
| SOPREMA | ▪ ELASTOPHENE Flam HR 2.2 | |
| SOPREMA | ▪ ELASTOPHENE Flam HS | |
| SOPREMA | ▪ 2-1 SOPRASMART ROCK | |
| SOPREMA | ▪ 2-1 SOPRASMART BOARD | |
| SOPREMA | ▪ 3-1 SOPRASMART ROCK | |
| SOPREMA | ▪ 3-1 SOPRASMART BOARD | |
| SOPREMA | ▪ ULTRA-STICK NAIL BASE | |
| SOPREMA | ▪ ELASTOPHENE ULTRA-STICK FR GR | |
| SOPREMA | ▪ SOPRALENE Flam 180 | |
| SOPREMA | ▪ SOPRALENE Flam 180 FR GR | |
| SOPREMA | ▪ SOPRALENE Flam 250 | |
| SOPREMA | ▪ SOPRALENE Flam 250 FR GR | |
| SOPREMA | ▪ SOPRAFIX Base 612 | |
| SOPREMA | ▪ SOPRALENE 180 Sanded | |



10. Submittal and Substantiating Documentation

| Manufacturer Name | Component Offered | Composition/Spec |
|---------------------------------|--|--|
| SOPREMA | ▪ SOPRALENE 180 FR GR | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| SOPREMA | ▪ SOPRALENE 250 Sanded | |
| SOPREMA | ▪ SOPRALENE 250 FR GR | |
| SOPREMA | ▪ SOPRALENE 180 Sanded 2.2 | |
| SOPREMA | ▪ SOPRALENE 180 PS 2.2 | |
| SOPREMA | ▪ SOPRALENE 180 SP 3.0 | |
| SOPREMA | ▪ SOPRALENE 180 SP 3.5 | |
| SOPREMA | ▪ SOPRALENE Flam 180 FR+ GR | |
| SOPREMA | ▪ SOPRALENE Stick | |
| SOPREMA | ▪ SOPRALENE Flam 250 FR+ GR | |
| SOPREMA | ▪ SOPRALENE 250 FR+ GR | |
| SOPREMA | ▪ SOPRALENE 180 FR+ GR | |
| SOPREMA | ▪ SOPRALENE 250 FR GR HC | |
| SOPREMA | ▪ SOPRAPHIX Base 622 | |
| SOPREMA | ▪ SOPRAPHIX Base 613 | |
| SOPREMA | ▪ SOPRAPHIX Base 614 | |
| SOPREMA | ▪ SOPRAPHIX Base 641 | |
| SOPREMA | ▪ SOPRA 4897 | |
| SOPREMA | ▪ SOPRABOARD 1/4" | |
| SOPREMA | ▪ SOPRABOARD 1/8" | |
| SOPREMA | ▪ SOPRA IV | |
| SOPREMA | ▪ SOPRALASTIC 124 ALU | |
| SOPREMA | ▪ SOPRALENE 180 PS 3.0 | |
| SOPREMA | ▪ SOPRALENE 250 SP 4.0 | |
| SOPREMA | ▪ SOPRALENE Flam Stick | |
| SOPREMA | ▪ SOPRALENE ULTRA-STICK | |
| SOPREMA | ▪ SOPRA VI | |
| SOPREMA | ▪ SOPRABASE S | |
| SOPREMA | ▪ SOPRABASE TG | |
| SOPREMA | ▪ SOPRAPHIX Base 611 | |
| SOPREMA | ▪ SOPRALASTIC 123 | |
| SOPREMA | ▪ UNILAY FR GR | |
| SOPREMA | ▪ COLVENT 180 SA | |
| SOPREMA | ▪ COLVENT 180 TG | |
| SOPREMA | ▪ COLVENT Flam SA | |
| SOPREMA | ▪ COLVENT Flam 180 SA | |
| SOPREMA | ▪ COLVENT Flam 180 TG | |
| SOPREMA | ▪ COLVENT TG | |
| SOPREMA | ▪ COLVENT Flam TG | |
| Liquid-Applied Membranes | | |
| Siplast | ▪ PARAPRO Roof Membrane Resin | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| Siplast | ▪ PARAPRO Flashing Resin | |
| Siplast | ▪ PARAFLEX Liquid Membrane | |
| SOPREMA | ▪ ALSAN Coating AC 401 Flashing | |
| SOPREMA | ▪ ALSAN Coating EPDM Primer | |
| SOPREMA | ▪ ALSAN Coating Rust Inhibitive Primer | |
| SOPREMA | ▪ ALSAN Coating Single Ply Primer | |



10. Submittal and Substantiating Documentation

| Manufacturer Name | Component Offered | Composition/Spec |
|-------------------|--|--|
| SOPREMA | ▪ ALSAN RS 210 | <i>Provided in Part B – Technical Specifications Attachments – WTI</i> |
| SOPREMA | ▪ ALSAN RS 223 Mixing Powder | |
| SOPREMA | ▪ ALSAN RS 230 Flash | |
| SOPREMA | ▪ ALSAN RS 260 LO Flash | |
| SOPREMA | ▪ ALSAN RS 263 LO Self-Leveling Mortar | |
| SOPREMA | ▪ ALSAN RS Color Additive | |
| SOPREMA | ▪ ALSAN Coating SIL 402 Flashing | |
| SOPREMA | ▪ ALSAN Coating SIL Walkway Grade | |
| SOPREMA | ▪ ALSAN Coating SIL 402 | |
| SOPREMA | ▪ ALSAN Trafik PU 120 | |
| SOPREMA | ▪ ALSAN Trafik EP 140 | |
| SOPREMA | ▪ ALSAN Trafik EP 141 | |
| SOPREMA | ▪ ALSAN Trafik PU 211 | |
| SOPREMA | ▪ ALSAN Trafik PU 215 Base Coat | |
| SOPREMA | ▪ ALSAN Trafik PU 220 | |
| SOPREMA | ▪ ALSAN Trafik PU 410 | |
| SOPREMA | ▪ ALSAN Trafik PU 411 | |
| SOPREMA | ▪ ALSAN Trafik PU 420 | |
| SOPREMA | ▪ ALSAN Trafik PU 421 | |
| SOPREMA | ▪ ALSAN Coating Butyl Fleece Tape | |
| SOPREMA | ▪ ALSAN All-Purpose Cleaner | |
| SOPREMA | ▪ ALSAN Flashing | |
| SOPREMA | ▪ ALSAN RS 222 Primer | |
| SOPREMA | ▪ ALSAN RS 230 Field | |
| SOPREMA | ▪ ALSAN Trafik RS 730 Field | |
| SOPREMA | ▪ ALSAN Trafik RS 730 Flash | |
| SOPREMA | ▪ ALSAN RS 260 LO Field | |
| SOPREMA | ▪ ALSAN RS 276 Primer | |
| SOPREMA | ▪ ALSAN RS 281 Clear Finish | |
| SOPREMA | ▪ ALSAN RS 287 Color Finish Base | |
| SOPREMA | ▪ ALSAN RS 289 Textured Base | |
| SOPREMA | ▪ ALSAN RS Cleaner | |
| SOPREMA | ▪ ALSAN RS Detailer | |
| SOPREMA | ▪ ALSAN RS Fleece | |
| SOPREMA | ▪ ALSAN RS Liquid Thixo | |
| SOPREMA | ▪ ALSAN RS Metal Primer | |
| SOPREMA | ▪ ALSAN RS Paste | |
| SOPREMA | ▪ ALSAN RS Textured Coating | |
| SOPREMA | ▪ ALSAN RS Catalyst Powder 50% | |
| SOPREMA | ▪ ALSAN RS 233 Self-Leveling Mortar | |
| SOPREMA | ▪ ALSAN RS LO Primer | |
| SOPREMA | ▪ ALSAN RS Vinyl Chips | |
| SOPREMA | ▪ ALSAN RS Quartz Aggregate | |
| SOPREMA | ▪ ALSAN COATING SIL Walkway Granules | |
| SOPREMA | ▪ ALSAN Coating AC 401 | |

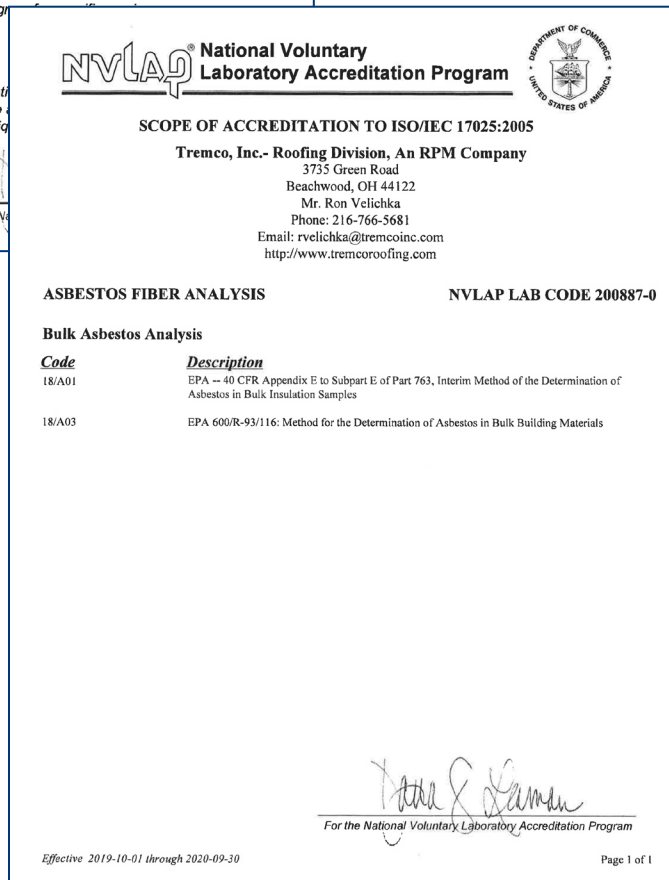


10. Submittal and Substantiating Documentation

| Manufacturer Name | Component Offered | Composition/Spec |
|-------------------|---|---|
| SOPREMA | <ul style="list-style-type: none"> ALSAN Coating Bleed Blocking Primer | Provided in Part B – Technical Specifications Attachments – WTI |
| SOPREMA | <ul style="list-style-type: none"> ALSAN Trafik PU 215 | |
| SOPREMA | <ul style="list-style-type: none"> COLPHENE H | |
| SOPREMA | <ul style="list-style-type: none"> COLPHENE H-EV | |

10.1.6 SUBMIT CERTIFIED COPIES OF INDEPENDENT (THIRD-PARTY) LABORATORY REPORTS ON ASTM TESTS ON THE ROOFING SYSTEMS/MAJOR COMPONENTS/PRODUCTS OFFERED.

Copies of independent laboratory reports on ASTM tests on our proposed roofing systems are provided in *Part B – Technical Specifications Attachments – WTI*. Laboratory reports have been provided for both Tremco and other roofing manufacturers.





10. Submittal and Substantiating Documentation

10.1.7 SUBMIT SAMPLES OF THE ROOFING SYSTEMS/PROTECTIVE COATINGS MANUFACTURERS' WARRANTY TO BE PROVIDED TO THE OWNER/CLIENT COVERING DEFECTS IN MATERIALS, WORKMANSHIP, EXCESSIVE WEAR, LEAKS AND ANY OTHER FEATURE WHICH IS NOT DEEMED ORDINARY WEAR FOR THE TYPE OF SYSTEM/PRODUCT AND DURING THE SYSTEMS'/PRODUCTS' LIFECYCLE OR FOR A PERIOD OF FIFTEEN/TWENTY (15/20) YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION, AND THE METHOD UTILIZED BY THE MANUFACTURER TO VERIFY THAT THEIR ONSITE REPRESENTATIVE HAS INSPECTED THE INSTALLATION AND THAT THE WORK CONFORMS TO THE MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS FOR THE WARRANTY TO BE ISSUED.

Tremco offers multiple warranty options, outlined below, to AEPA members to match their roofing needs. Each of these warranties covers materials, workmanship, excessive wear, leaks and other features not deemed as ordinary wear. Samples of these warranties are provided in *Part B – Technical Specifications Attachments – WTI*.

- QA Plus Warranty (5-, 10-, 15-, 20- and 30-year options as well as NDL warranty)
- Tremco Performance Warranty®
- Restoration Warranty (5-, 10-, 15-, 20- and 30-year options as well as NDL warranty)
- Material Warranty (5-, 10-, 15- and 20-year options)
- Plain and Simple Warranty
- Warranty Renewal (incremental)

In addition to Tremco's warranties, we have included warranties for products offered from other roofing manufacturers. Warranties from the manufacturer's listed below are provided immediately following the Tremco warranties provided in *Part B – Technical Specifications Attachments – WTI*.

- Carlisle SynTec Incorporated
- CertainTeed Corporation
- FiberTite
- Firestone
- GAF Materials Corporation
- Georgia-Pacific Gypsum Corporation
- Owens Corning
- Sika Sarnafil
- Siplast
- SOPREMA
- TAMKO Roofing Products, Inc.
- United States Gypsum Company

The WTI Roof Inspection Program provides the AEPA with single-source responsibility for roofing projects. All inspections, from initial diagnostic inspections (initial diagnostics are provided free of charge to AEPA members) to project monitoring and final warranty inspections are conducted by trained Inspectors who possess years of experience and exceptional qualifications in the roofing industry.

WTI will perform a three-stage inspection process on all warranty-covered roofing structures under the AEPA Contract. The initial diagnostic inspections will take place before roofing work is commenced. The purpose of this inspection is to establish the existing conditions of the roof prior to work beginning on a roof project. Continual diagnostic inspections will be performed throughout the work period to ensure that all quality control (QC), safety requirements and contract requirements are being fulfilled. Inspectors utilize a Daily Inspection Report and a Daily Safety Inspection Checklist, depicted on the following pages, to ensure compliance. The final/warranty inspection process is performed upon completion of roofing repairs. This stage ensures that all QC standards have been met and that satisfactory completion of contract requirements have been fulfilled.



10. Submittal and Substantiating Documentation



DAILY INSPECTION REPORT

| Date: | |
|---|--|
| PROJECT INFORMATION | CONTRACTOR INFORMATION |
| Job Number: _____ | Roof Area Removed & Replaced (Ply Installation) |
| Supervision Day # _____ of _____ | Today: _____ Square Feet |
| Production Day # _____ of _____ Contract days | Previous Total: _____ Square Feet |
| Project Name: _____ | Total to Date: _____ Square Feet |
| Location: _____ | TOTAL JOB COMPLETION: _____ % |
| Roof Designation: _____ | Contractor Name: _____ |
| Weather: _____ | Foreman: _____ |
| Construction Manager _____ | Crew Size: #Foremen: _____ #Roofers _____ #Other _____ |
| Superintendent: _____ | Start Time: _____ Stop Time: _____ |
| Sales Rep: _____ | |
| Roof System: _____ | Total of NON PRODUCTION (Rain days): _____ |
| Visitors to Site: _____ | # of Non production Day Daily Inspection Reports _____ |
| MULTIPLE SUBS (name) | Purchase Order Number % Complete Days worked |
| | |
| | |
| | |
| | |
| QUALITY CONTROL | DAILY MATERIAL INSPECTION |
| Interply Rate Cold adhesive ____ wet mils ____ wet mils ____ wet mils | Kettle Temperature: ____ EF at ____ a.m. Kettle Temperature: ____ EF at ____ p.m. |
| Interply Rate Hot adhesive ____ lbs/sq ____ lbs/sq ____ lbs/sq | Temperature at Point of Application: ____ EF at ____ a.m. |
| Flood Rate Cold adhesive ____ wet mils ____ wet mils ____ wet mils | Materials per Spec (Tremco & Non-Tremco) <input type="checkbox"/> YES <input type="checkbox"/> NO |
| Flood Rate Hot adhesive ____ lbs/sq ____ lbs/sq ____ lbs/sq | Insulation Taped & Secured <input type="checkbox"/> YES <input type="checkbox"/> NO |
| Hot Applied Applications <input type="checkbox"/> YES <input type="checkbox"/> NO | Felts Protected and Stored Upright <input type="checkbox"/> YES <input type="checkbox"/> NO |
| Used Hot Mops Removed from Roof/Properly Stored <input type="checkbox"/> YES | Damaged/Rejected Materials Removed/Discarded <input type="checkbox"/> YES <input type="checkbox"/> NO |
| SPECIFICATION EXECUTION | |
| ROOF TEAR-OFF DONE PER SPEC? <input type="checkbox"/> YES <input type="checkbox"/> NO If NO, describe variances and action taken: _____ | DECK CONDITION APPEARS ADEQUATE? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ROOF SYSTEM INSTALLATION | |
| Primer <input type="checkbox"/> YES <input type="checkbox"/> NO Type _____ | Reworked sq/ft: _____ |
| Vapor barrier <input type="checkbox"/> YES <input type="checkbox"/> NO Type _____ | Replaced sq/ft: _____ |
| Base sheet <input type="checkbox"/> YES <input type="checkbox"/> NO Type _____ | |
| Insulation Top Layer Type: _____ Thickness: _____ Installation Method: _____ | Flashings Type: _____ Method of Attachment: _____ |
| Insulation Bottom Layer Type: _____ Thickness: _____ Installation Method: _____ | New Wood Blockings: _____ Linear Ft. Replacement of Existing Wood Blockings: _____ Linear Ft. |
| Ply Type(S) Type(s): _____ | WATERTIGHT CONDITION |
| Interply Adhesive(S) Type(s): _____ | Tie in to existing area Completed Per Spec ? <input type="checkbox"/> YES <input type="checkbox"/> NO If NO, describe variances and action taken: _____ |
| Surfacing adhesive Type(s): _____ | Project area Set up and staging Daily Clean-up <input type="checkbox"/> YES <input type="checkbox"/> NO |
| Surfacing Type(s): _____ | |



10. Submittal and Substantiating Documentation



DAILY SAFETY INSPECTION CHECKLIST

Subcontractor (company name): _____

Subcontractor Safety Coordinator: _____

WTI Project Name: _____

Check box only if in compliance.

HOUSEKEEPING

- Work areas are clear of debris, scrap, and protruding nails.
- Staging areas and grounds are clear of debris, scrap, and nails.
- Trash containers are not overloaded and able to hold additional debris.

INTERIOR PROTECTION

- Work areas below roof deck are identified.
- Interior safety monitor posted to re-direct occupants, Monitors Name: _____
- Interior area barricaded or posted.

FIRE PROTECTION

- Number of fire extinguishers on-site (Not including customer-owned).
- Is suitable fire extinguishing equipment immediately available in the work area and ready for instant use? 1926.352(d)
- Is there a "Hot Work Permit" system followed by your employees?

PPE:

- All workers have safety glasses and side shields.
- All workers wearing appropriate clothing for work conditions.
- All workers wearing gloves appropriate to task (leather for hot work, etc.).
- All workers Are protective helmets (hard hats) worn at all times where there is a possible danger of head injury from impact, falling or flying objects, or electrical shock and burns? 1926.100

MAINTENANCE

- Equipment was visually inspected and found in good working order.
- Ladders were visually inspected and found to be in good condition.
- Are ladders periodically inspected by a competent person? 1926.1053(b)(15)

GENERAL SAFETY

- Fall protection standard requirements in place per 1926.502 standards.
- MSDS on site and accessible to each worker.



10. Submittal and Substantiating Documentation



ELECTRICAL

- Are electric power operated tools equipped with proper ground or are they double insulated? 1926.302(a)
- Does the Subcontractor examine all electrical equipment to ensure that recognized electrical hazards (i.e. exposed live parts, splices in cords, missing ground pins, reverse polarity etc.) are identified and removed from service? 1926.403(b)(1)
- Are ground fault circuit interrupters used to protect employees? 1926.404(b)(1)(i) If not, is an assured equipment grounding program in place? 1926.404(b)(1)(iii)

CRANE & HOISTING EQUIPMENT

- Is the user a OSHA competent person(s)- instructed and trained in the proper use.
- A notice of the current annual inspection should be posted in the crane.
Cranes that cannot be certified must be removed from service until all necessary repairs are made and the equipment is reinspected.
- Is all rigging equipment for material handling inspected prior to use on each shift? 1926.251(a)(1)
- Are hoistway entrances protected by substantial gates or bars? 1926.552(b)(2)
- Are manufacturer's specifications and limitations applicable to the operation of any and all cranes and derricks complied with? 1926.550(a)(1)
- Are thorough annual inspections made on hoisting machinery and records of the dates and results of inspection maintained by employer? 1926.550(a)(6)
- Are accessible areas within the swing radius of the rear rotating superstructure of the crane barricaded? 1926.550(a)(9)
- Are rated load capacities, recommended operating speeds, and special hazard warnings posted on all equipment and visible from operator's station? 1926.550(a)(2)
- Is each employee in a hoist area protected by either guardrails or personal fall arrest system? 1926.501(b)(3)
- In hoisting areas where guardrails are used and guardrails are removed to facilitate landing of material and the employee must lean out over the edge or through the access opening, is *that* employee protected by a fall arrest system? 1926.501(b)(3)

All items listed above have been reviewed. All noncompliant items have been corrected.

(Subcontractor Safety Coordinator)



10. Submittal and Substantiating Documentation

Once a project is 100% complete, WTI's Inspector will conduct a pre-final inspection with the subcontractor to ensure all final details are in place and necessary pre-final punchlist items are completed. After all pre-final punchlist items are completed, the on-site Inspector will schedule a final inspection with all required AEPA member's personnel and any material manufacturer representatives (if Tremco products are not used) to ensure installation conforms to manufacturer's specifications and conditions for the warranty. During the final inspection, any additional punchlist items identified by material manufacturer representatives or the AEPA member will be immediately corrected. WTI will see the project through until 100% of all punchlist items are completed and the work is finished to WTI's, Tremco's and the owner's complete satisfaction.

At the final inspection, we will supply a Completion Package, assembled in a binder, which will contain information about the products used in construction and user instructions for new systems. The contents of the Completion Package is outlined at right and includes Warranty Manuals. We feel this package will help AEPA members immediately realize the benefits of the improved facilities. The information contained in the Completion Package makes warranty registration easier and aids AEPA members in making a smooth transition into use.

Completion Package

- Warranty Manuals
- As-Built Drawings and Property Records
- Project Daily Field Reports
- Meeting Minutes
- Completed Project Specifications
- Project Progress Photos
- Product User Information (in binder):
 - Safety Precautions
 - Normal Operations
 - Service Requirements
 - Environmental Conditions
 - SDS
 - Maintenance and Repair Procedures
 - Personnel Training Requirements
 - Contractor Information
- Staff Statements, if needed

10.1.7.1 Provide the necessary documentation and evidence that the two (2) year mandatory labor, supplies and warranty can be provided and delivered.

As required, WTI offers a two-year warranty from the date of acceptance on all Tremco and non-Tremco manufactured products. A sample of the two-year warranty is provided on the following pages. Additionally, we require our contractors to provide a three-year labor warranty. After the initial three years, Tremco is responsible for all labor and material for the remainder of the warranty from parapet to parapet. An excerpt from WTI's Contract Closeout Specifications requiring a three-year warranty as well as an excerpt from WTI's Subcontract Agreement requiring the three-year labor warranty are provided below. Tremco has provided more than 7,200 warranties during its tenure on the AEPA Contract.

Excerpt from WTI Specifications - Section 01700 Contract Closeout

1.08 WARRANTIES:

- A. Roofing Subcontractor's Guarantee:
 - 1. Upon project completion and Owner acceptance, effective upon complete payment the Roofing Subcontractor shall issue Weatherproofing Technologies, Inc. a guarantee against defective workmanship and materials for a period of three (3) years.
- B. Tremco Warranty:
 - 1. Upon project completion, Tremco acceptance, and once complete payment has been received by Tremco, Tremco shall deliver to Owner a Tremco Roofing System Quality Assurance Plus Warranty for a period of fifteen (15) years.



10. Submittal and Substantiating Documentation

Excerpt from WTI Subcontract Agreement

- 15.8 Final payment shall be tendered upon Subcontractor's completion of the Work in accordance with the Contract Documents and Contractor's receipt of the following:
- A. Final Completion of all punch-list work.
 - B. Certification of Final Completion.
 - C. Three (3) year Subcontractor Warranty (for the Work described in the Scope of Work).
 - D. Fully executed Final Waiver of Lien from (i) Subcontractor, (ii) Subcontractor's laborers and materialmen, and (iii) lower-tier Sub-Subcontractors of Subcontractor.
 - E. Submission of all documents, certifications, certified payrolls, affidavits of compliance and all other documentation required by the Contract Documents and/or applicable law.
 - F. Acceptance of Work by Owner.



10. Submittal and Substantiating Documentation



2 Year Labor and Material Warranty

OWNER:
ADDRESS:
BUILDING DESCRIPTION:
ADDRESS:
ROOF AREA:
INSTALLATION DATE:
INSTALLATION PRICE:
ROOFING WORK:

Weatherproofing Technologies Incorporated (hereinafter WTI) hereby warrants to the above-named Owner that, subject to the terms, conditions, and limitations stated herein, it will provide the labor and materials necessary to restore the "Work" performed at the above facility to a leak free condition at its own expense. The "Work" shall be defined as the areas of roofing system and its attachment to immediate adjacent areas upon which WTI performed repair and installation service.

A. OWNER'S RESPONSIBILITIES

It is agreed by the parties that WTI, by this warranty, does not assume possession or control of any part of the roofing system. Control and ownership of the roofing system and all parts of the building remains solely with the Owner. The Owner is solely responsible for all requirements imposed by any federal, state or local law, ordinance or regulation, and all repair, maintenance, and other work with respect to the roofing system and the building, except as expressly stated by this warranty.

If leaks occur, or alterations are being considered, the Owner must notify WTI in order for the proper authorized follow-up to be completed.

The Owner shall report all leaks which occur in the "Work" to WTI within the warranty period by contacting WTI at 216/292-5000 or in writing to WTI at 3735 Green Road, Beachwood, Ohio 44122, as soon as possible (however, in no event more than thirty (30) days) after leakage is or should have been discovered. In no event is WTI responsible for any repairs to any part of the building other than the "Work". The liability or expense for such repair is to be assumed and paid by the Owner. If the leak is not within the warranty coverage, WTI shall advise the Owner, and the Owner shall have repairs performed within thirty (30) days according to roofing manufacturer's specifications by a manufacturer certified or approved applicator. The Owner agrees to provide WTI with unrestricted ready access to the "Work" and all areas of the building on which the "Work" is located.

B. WARRANTY EXCLUSIONS

This warranty does not cover any leaks or damage or failure of the "Work" or any part thereof as a result of:

1. Natural or accidental disasters including, but not limited to, damage caused by lightning, hailstorms, floods, hurricane force winds (74 mph or greater), tornadoes, earthquakes, fire, vandalism, animals, penetration of the "Work", or chemical attack by outside agents.
2. Use of materials not specified by manufacturer.
3. Any intentional or negligent act on the part of the Owner or third party including, but not limited to, misuse, traffic, storage of, or discharge of materials or effluent on the roof. Any repair of these items will be at Owner's expense.
4. Distortion, expansion, or contraction of the "Work" caused by faulty original construction or design of building components, including parapet walls, copings, chimneys, skylights, vents or roof deck, or lack of positive, proper, or adequate drainage resulting in ponding water on the roof.



10. Submittal and Substantiating Documentation

C. WARRANTY LIMITATIONS

WTI shall have no responsibility and or liability under this warranty until all bills for installation, supplies, and services sold in connection with the "Work" have been paid in full.

The Owner's rights under this warranty are specific to the Owner and are not transferable.

WTI's obligations under this warranty may be voided by WTI based on events described in Section B, change in usage of the building without the prior written approval of WTI, repairs, alterations, penetrations of or attachments to the "Work" without the prior written approval of WTI, building settlement, deterioration, cracking or failure of the roof deck, coping and parapet walls, infiltration or condensation of moisture in, through or around walls, copings, underlying structure, hardware or equipment, or failure of the Owner to comply with its obligations described in this warranty.

D. OTHER TERMS

THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, OBLIGATIONS OR AGREEMENTS, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND ANY RIGHTS OR REMEDIES AGAINST ANY PERSON OR ENTITY UNDER THE UNIFORM COMMERCIAL CODE OR OTHERWISE WITH RESPECT TO THE SALE OF GOODS AND/OR SERVICES. THE REMEDIES AND OBLIGATIONS STATED IN THIS WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES OF AND OBLIGATIONS TO THE OWNER FOR ANY AND ALL MATTERS ARISING WITH RESPECT TO OR IN ANY WAY CONNECTED WITH THE "WORK", OR ITS COMPONENT PRODUCTS, OR ANY GOODS OR SERVICES RELATED THERETO, REGARDLESS OF THE SOURCE OR PROVIDER OF SUCH GOODS OR SERVICES. THE OWNER SHALL PROVIDE WAIVERS OF SUBROGATION UPON REQUEST. NO REPRESENTATIVE OF WTI, OR ANY EMPLOYEE, AGENT OR AFFILIATED COMPANY ("AFFILIATE") HAS AUTHORITY TO VARY OR ALTER THESE TERMS. IN NO EVENT SHALL WTI OR ANY AFFILIATE BE LIABLE FOR ANY DAMAGE TO THE BUILDING ITSELF (OTHER THAN THE "WORK"), THE CONTENTS OF THE BUILDING, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE TOTAL LIABILITY OF WTI, AND ANY AFFILIATE, OVER THE LIFE OF THE WARRANTY SHALL NOT IN ANY EVENT EXCEED IN DOLLAR VALUE THE INSTALLED CONTRACT PRICE OF THE "WORK" AS IT APPEARS ABOVE. NEITHER WTI OR ANY AFFILIATE SHALL BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY.

The Owner agrees that this warranty, and the services and remedies set forth herein, are exclusive, and there are no other warranties between the Owner and WTI or any affiliate for the "Work". Any unresolved issues under this warranty shall be submitted to the exclusive jurisdiction of the courts of Cuyahoga County, Ohio, and governed by Ohio law.

Weatherproofing Technologies Incorporated

By:

Title:

Date:



10. Submittal and Substantiating Documentation

10.1.7.2 Provide documentation demonstrating the roofing system's manufacturer(s) warranties are supported by an insurance policy and/or performance bond for the full fifteen/twenty (15/20) year period.

Under our existing AEPA Contract and the new IFB for Roofing and Building Envelope Services, AEPA participating entities have the ability to purchase roofing systems from a number of different manufacturers, all of which can be installed through WTI as a general contractor. WTI also has extensive experience installing systems manufactured by its parent company, Tremco Incorporated.

WTI currently manages more than 2-billion SF of roofing comprised of maintenance warranty programs, asset-management programs and quality assurance (QA) warranties. Out of the 2-billion SF of roofing, 700-million SF is under roofing warranties. WTI meets all the requirements of the IFB through our warranty offering for 15, 20- and 30-year warranties. We also offers AEPA Members the ability to purchase extended warranties and warranty renewals which continue the protection of the original warranty. Our warranty program requires that Tremco repair or replace defective products within a specific time period from the date of delivery or first use. Amounts received under these contracts are initially recorded as deferred contract revenues and are amortized on a straight-line basis throughout the life of the warranty. This process creates a warranty reserve which ensures that the company has funds to cover warranty issues that may arise throughout the life of the roof. As of July 28, 2020, Tremco had current and long-term liability reserves in the amount of \$36,246,043.

Under Generally Accepted Accounting Principles (GAAP) accounting rules, no funds are available to the company until the warranty begins to age on a year-over-year basis as stated above. This reserve covers the liability created to Tremco by the sale of the warranty. Tremco and WTI's long history has demonstrated not only that we have very few problems with our installed roofs, but that we also service AEPA Members to ensure any issues are resolved to their satisfaction.

In addition, as reflected in the letter from our surety company on the following pages, WTI maintains performance bonding capacity with sureties that have approved a single capacity of \$25 million with aggregate contract values of \$200 million.

WTI has also provided financial information in a separate file titled, *Exhibit A – Financial Health Document - WTI*, as required, to demonstrate our standing as a financially healthy and responsible company. The requirements on how a publicly traded company must reserve for warranties issued requires that Tremco create a reserve to cover the repair of Tremco roofing sold under the AEPA Contract. We trust the information provided demonstrates our ability to successfully fulfill all aspects of the AEPA Contract, however, we can present AEPA with Tremco's account accrual information for warranty adjustments under separate confidential cover upon request.



10. Submittal and Substantiating Documentation



Liberty Mutual Surety

8044 Montgomery Rd, Ste 150E
Cincinnati, OH 45236

August 11, 2020

Association of Educational Purchasing Agencies
1001 E. Mt. Faith
Fergus Falls, MN 56537

**RE: Weatherproofing Technologies, Inc.
3735 Green Road, Beachwood, OH 44122**

To Whom It May Concern:

Weatherproofing Technologies, Inc., ("Weatherproofing") is a highly regarded and valued client of Liberty Mutual Insurance Company (A.M. Best Rated A, XV). Weatherproofing has in place lines of credit with Liberty Mutual Insurance Company allowing for bonding for single capacity of \$25,000,000.00 within an aggregate program of \$200,000,000.

Our agreement to provide work programs or execute bonds is subject to mutually acceptable contract terms, conditions, financing and underwriting considerations both to Weatherproofing and Liberty at the time of request for suretyship.

This letter is issued only as a bonding reference as requested by our client and is not an assumption of liability or a bond. We assume no liability to third parties or to you if for any reason we do not execute said bonds.

Liberty Mutual Insurance Company

By: Carolyn E. Wheeler
Carolyn E. Wheeler, Attorney-In-Fact

Member of Liberty Mutual Group



10. Submittal and Substantiating Documentation



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8201331

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Carolyn E. Wheeler all of the city of Knoxville, state of TN each individually if there be more than one named, its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the above-referenced surety bond.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 30th day of May, 2019.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company



By: *David M. Carey*
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00am and 4:30pm EST on any business day.

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 30th day of May, 2019, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: *Teresa Pastella*
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested to by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, of Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company do hereby certify that this power of attorney executed by said Companies is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 11th day of August, 2020.



By: *Renee C. Llewellyn*
Renee C. Llewellyn, Assistant Secretary

Marsh MSurety POA LMIC OCIC WAIC Multi Co_042019



10. Submittal and Substantiating Documentation

10.1.7.3 Provide a sample of the distributors'/installers'/subcontractors' (providers') warranty required by the Offeror to ensure AEPA, its members and their clients that the provider/contractor will cover defects in the work performed and installation workmanship, and further warrant that the installation was done in accordance with both the manufacturer's recommendations and any written directives of the manufacturer's on-site representative.

WTI and Tremco's warranties cover defects in the work performed, installation workmanship and installation in accordance with our product recommendations. A summary of warranty coverage is outlined in **Table 10-2** below. Sample warranties are provided in *Part B – Technical Specifications Attachments – WTI*. WTI will ensure warranties supplied for other roof manufacturer's meets these same requirements as well as minimum owner project standards.

Table 10-2. Warranty coverage.

| Required AEPA Warranted Items | Two-year | QA+ | TPW |
|--|----------|-----------------------------------|------------------------|
| ▪ Full Labor and Materials | ■ | ■ | ■ |
| ▪ Installation | ■ | ■ | ■ |
| ▪ Flashing | ■ | ■ | ■ |
| ▪ Details | ■ | ■ | ■ |
| ▪ Materials | ■ | ■ | ■ |
| ▪ Workmanship | ■ | ■ | ■ |
| ▪ Details | ■ | ■ | ■ |
| ▪ Drainage systems | ■ | ■ | ■ |
| ▪ Flashing | ■ | ■ | ■ |
| ▪ Joints | ■ | ■ | ■ |
| ▪ Coping | ■ | ■ | ■ |
| ▪ Railing | ■ | ■ | ■ |
| ▪ Scuppers | ■ | ■ | ■ |
| ▪ Storm collars | ■ | ■ | ■ |
| ▪ Edging | ■ | ■ | ■ |
| ▪ Lightning rods | ■ | ■ | ■ |
| ▪ Gravel stops | ■ | ■ | ■ |
| ▪ Flashing | ■ | ■ | ■ |
| ▪ Patch, replace repair any deteriorating or defective flashing | ■ | ■ | ■ |
| – Metal-edge system | ■ | ■ | ■ |
| – Base flashings or equipment/adjoining walls | ■ | ■ | ■ |
| – Counterflashings and term details | ■ | ■ | ■ |
| ▪ Materials | ■ | ■ | ■ |
| ▪ Replace, restore, repair any defective or improperly installed roofing materials | ■ | ■ | ■ |
| – Coatings | ■ | ■ | ■ |
| – Single or multiple membrane systems | ■ | ■ | ■ |
| – Roofing felts | ■ | ■ | ■ |
| – Shingles | ■ | ■ | ■ |
| – Asphalts, tar | ■ | ■ | ■ |
| ▪ Workmanship | ■ | ■ | ■ |
| ▪ Repair, restore, replace all defects in workmanship | ■ | ■ | ■ |
| ▪ Term | 2 | 5, 10, 12 15 or 20 | 1-30 |
| ▪ Inspection/Preventive Maintenance (Warranty) | | | ■ |
| ▪ Visually inspect roof membranes | | Year 2, 5, 10, 15 (based on term) | Every year during term |
| ▪ Preventive maintenance | | ■ | ■ |
| ▪ Housekeeping | | ■ | ■ |



10. Submittal and Substantiating Documentation

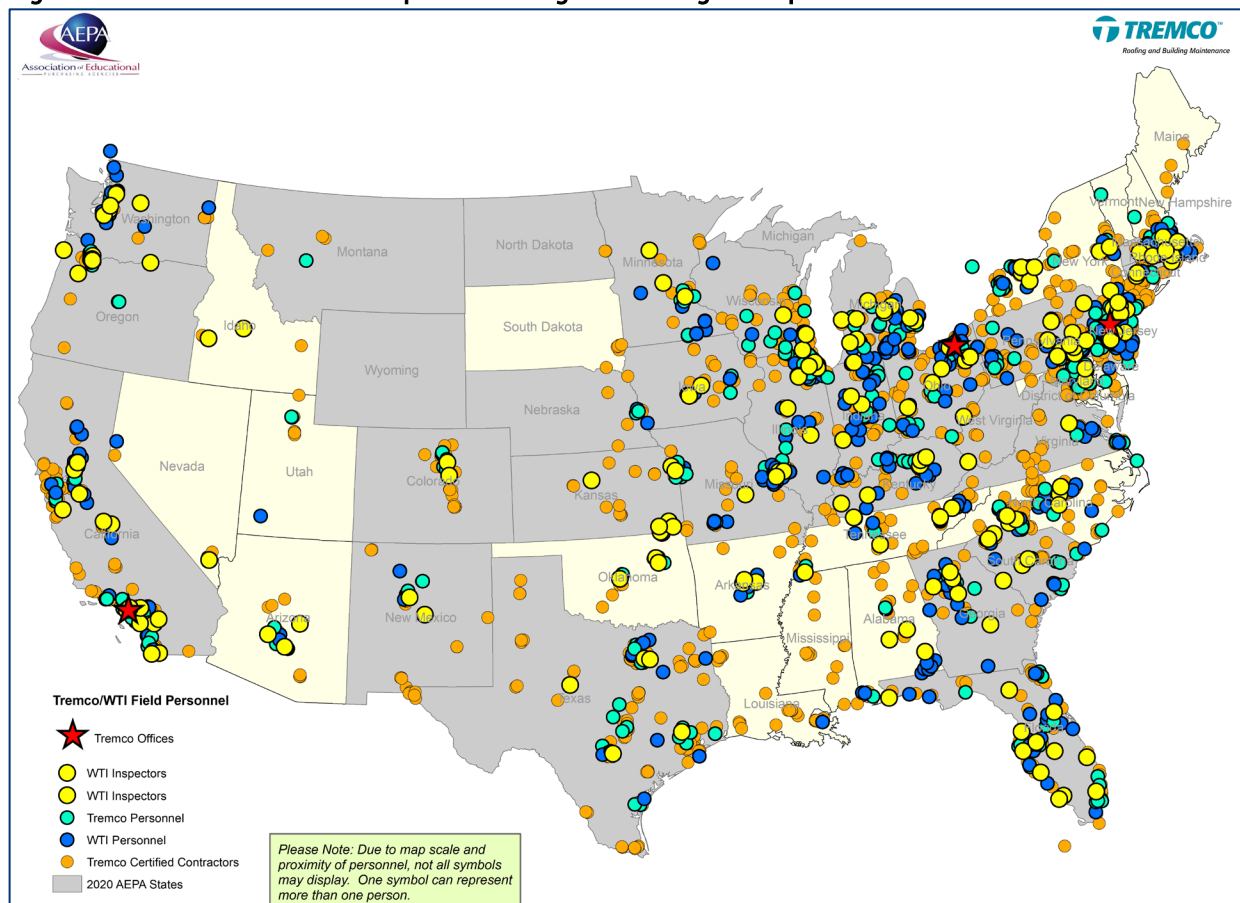
| Required AEPA Warranted Items | Two-year | QA+ | TPW |
|---|----------|-----|-----|
| ▪ Roof repairs | | ■ | ■ |
| ▪ Paid leak response | ■ | ■ | ■ |
| ▪ Reports available to AEPA personnel thru web based information management | | ■ | ■ |
| 100% Transfer of Financial and Performance Risk | | | ■ |

10.2 Submit detailed information and documentation describing the network and/or distribution system to be utilized to provide all aspects of the scope of work as defined within this solicitation (market, consulting, delivery, install, inspections, warranty work, maintenance and repair, etc.).

WTI has staffed the AEPA Contract with the most-qualified and experienced personnel and subcontractors for the past 19 years to ensure responsive services to all AEPA members. Our approach for the next AEPA Contract will remain the same—strategically locating our personnel and subcontractors to ensure comprehensive service and support in all AEPA member states.

Further, our team possesses an unparalleled 19-year history of providing all aspects of the scope of work from marketing and consulting to delivery, installation, restoration, inspections, repair, maintenance and warranty work to AEPA members on a national level. A map illustrating our network of resources that will provide roofing and building envelope services to AEPA members is shown in **Figure 10-1**. In addition, **Table 10-3**, on the following page, describes the personnel and/or subcontractors that are responsible for performing marketing, consulting, delivery, inspections, installation, warranty work, maintenance and repairs.

Figure 10-1. Network of resources to provide roofing and building envelope services to AEPA members.





10. Submittal and Substantiating Documentation

Table 10-3. Personnel and subcontractors responsible for all aspects of the scope of work.

| Scope of Work Element | Responsible Personnel/Subcontractors |
|--|---|
| Management | <ul style="list-style-type: none"> 60 management personnel oversee all aspects of AEPA Contract performance |
| Marketing | <ul style="list-style-type: none"> 4 marketing personnel covering all AEPA states including Cooperative/Education Business Development Managers, Program Managers and other key personnel Implement marketing strategies including building awareness, generating leads, creating preference, closing sales and managing relationships |
| Consulting <ul style="list-style-type: none"> Design, develop or update existing short-term and long-term facility construction and maintenance plans (3.1.2) Investigate and consider new technologies, existing products and materials to improve energy efficiency and decrease absorption of solar energy (3.1.3.3) | <ul style="list-style-type: none"> More than 338 Sales Representatives located nationwide including 329 in participating AEPA states Assist in the development of detailed scopes of work, attend project meeting, work directly with customer to answer all question, attend final inspection, deliver warranty and point of contract throughout warranty period |
| Estimating | <ul style="list-style-type: none"> 60 personnel including RBMs, Construction Managers and Superintendents located nationwide Perform estimates for AEPA members and evaluate value-added and cost-saving solutions |
| Supervision, Coordination, Delivery <ul style="list-style-type: none"> Acquire the supplies, materials and services required to prepare the individual project site, to install a new envelope, to maintain and repair an existing envelope and tear off, remove and install a new envelope (3.1.4) A number of different high-quality and cost-effective manufacturers' products (3.1.5.1) Turn-key (single-source) solutions (3.1.5.2) | <ul style="list-style-type: none"> 60 personnel including RBMs, Construction Managers and Superintendents located nationwide Supervise roofing and building-envelope services and assign/select Inspectors or subcontractors Coordinate material ordering and delivery to meet project scope of work needs |
| Inspections <ul style="list-style-type: none"> Assess and evaluate existing facilities envelope conditions (3.1.1) Assess and develop available options to bring existing facility envelope into good condition (3.1.3.1) Scan existing roofs to determine amount and location of wet or substandard roofing components to be removed (3.1.4.1) | <ul style="list-style-type: none"> 565 Inspectors assigned to jobsite locations as workload dictates Additional support provided by nine RBMs, 20 Construction Managers and 31 Superintendents, as necessary Performs inspections to assess roof conditions and confirm installation in accordance with manufacturer recommendations |



10. Submittal and Substantiating Documentation

| Scope of Work Element | Responsible Personnel/Subcontractors |
|--|---|
| <p>Installation, Maintenance, Repairs, Warranty Work</p> <ul style="list-style-type: none"> ▪ Implement a comprehensive construction and maintenance program (3.1.2) ▪ Conduct a roofing and/or facility envelope project (3.1.3) ▪ Plan and select a replacement system that is energy-efficient and cost-effective system (3.1.3.2) ▪ Make resources available to allow owners to conduct and perform ongoing inspections, have warranty work done and perform regular preventative maintenance (3.1.3.4) ▪ Provide masonry repair or solutions (3.1.3.5) ▪ Offer supplies, materials, equipment, technical support and assistance to owners to properly install and complete the project themselves; inspect and certify and issue warranty for the completed project (3.1.5.3) ▪ Offer a complete and comprehensive ongoing maintenance and repair program (3.1.5.4) ▪ Provide training, technical support, maintenance instructions, supplies and equipment for AEPA members to properly maintain and protect investment through lifecycle (3.1.5.5) | <ul style="list-style-type: none"> ▪ 565 Inspectors perform patch and repair, restoration, replacement and warranty work as well as scheduled preventive maintenance and housekeeping ▪ Network of more than 1,400 subcontractors perform patch and repair, restoration, replacement and warranty work within the AEPA state in which they reside ▪ Assigned/selected by RBMs or Construction Managers/Superintendents and dispatched to respond to AEPA member locations as workload dictates |

10.2.1 PROVIDE COMPLETE INFORMATION IDENTIFYING THE INDIVIDUAL/DISTRIBUTOR/INSTALLER OR ANY SUBCONTRACTOR THAT WILL BE UTILIZED TO WORK WITH AND PERFORM THE SERVICES PROPOSED TO BE OFFERED IN RESPONSE TO THIS SOLICITATION. PLEASE INCLUDE THE AEPA STATE(S) FOR WHICH THEY WILL BE RESPONSIBLE AND FROM WHERE THEY WILL BE DISPATCHED (HOME LOCATION).

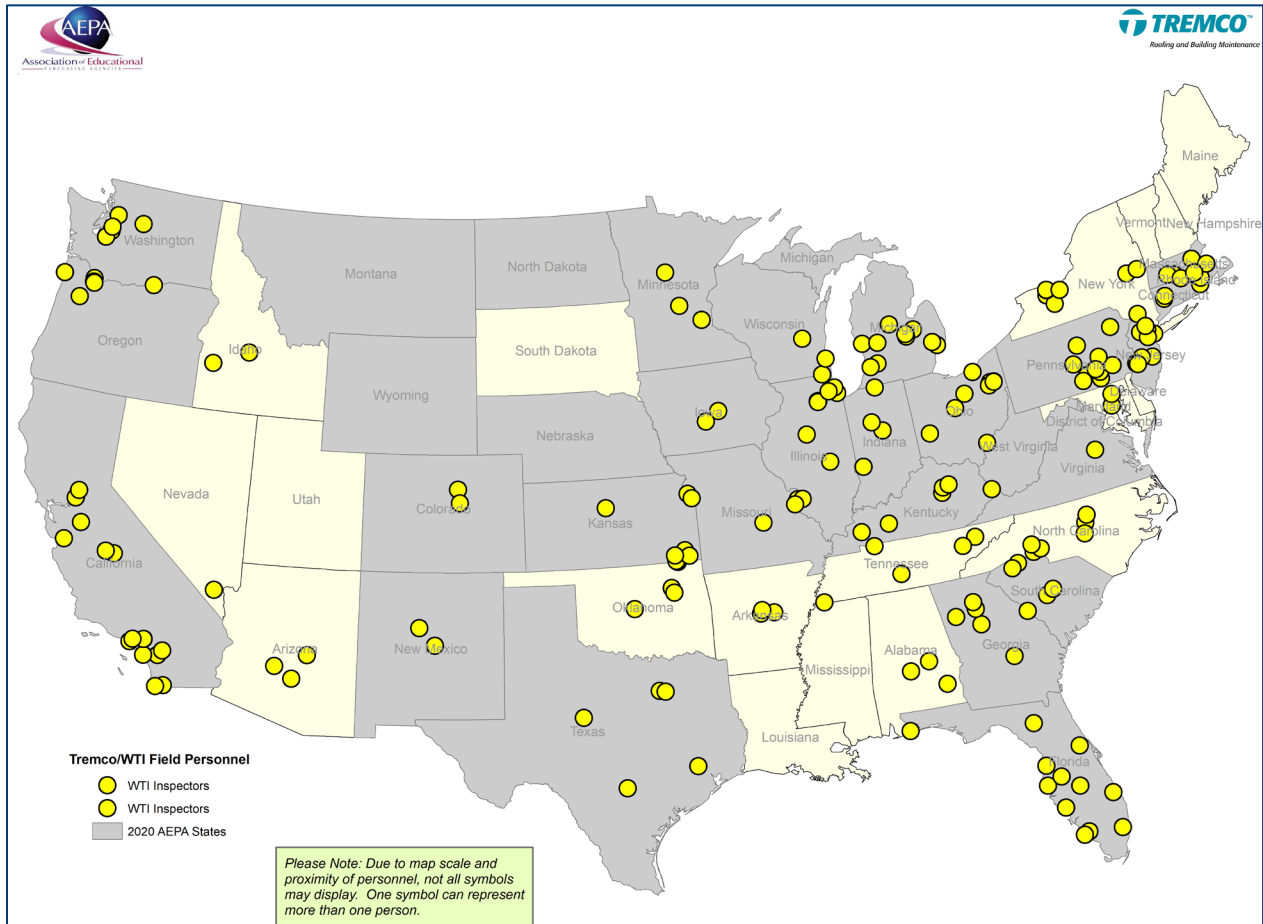
WTI has nine RBMs, 20 Construction Managers and 31 Superintendents strategically positioned throughout the US to support tasks that include inspections, repairs, restorations, preventative maintenance, housekeeping and warranty service in AEPA member states. Our RBMs, Construction Managers, Superintendents are supported by more than 565 Inspectors located throughout the US as depicted in **Figure 10-2** on the following page. Our on-site Inspectors are also summarized in **Table 10-4**. They are not assigned to a single state but rather are assigned to jobsite locations as project workload dictates and travel accordingly.

Additionally, WTI will utilize more than 329 Sales Representatives throughout the participating AEPA states to assist in the development of detailed scopes of work, attend project meetings, work directly with customer to answer all question, attend final inspection, deliver warranty and point of contract throughout warranty period. WTI’s in-house staff has the capability to perform patch and repair, restoration and replacement services for projects up to 50,000 SF depending on complexity. In addition to inspections, one of the primary responsibilities of our on-site Inspectors is to perform patch and repair, restoration and replacement projects.

The RBMs and Construction Managers will also contract with WTI’s existing network of more than 1,900 Approved, Certified and Elite roofing subcontractors including more than 1,400 located throughout the AEPA member states as illustrated in **Figure 10-3** to ensure timely response. **Table 10-5**, summarizes the names, addresses, city, state and license numbers of WTI’s subcontractors that will be performing on the AEPA Contract. Each subcontractor will be responsible for performing work within the AEPA state in which they reside but may also provide services to neighboring states. All on-site Inspectors and subcontractors will be identified and assigned by the assigned RBM and/or Construction Manager. Each Inspector or subcontractor will be dispatched from their individual home/office location to respond to specific AEPA member locations as workload dictates.

10. Submittal and Substantiating Documentation

Figure 10-2. WTI's on-site Inspector resources.





10. Submittal and Substantiating Documentation

Table 10-4. WTI's on-site Inspectors.

| No. | Last Name | First Name |
|-----|--------------|-------------|
| 1. | Adams | Gregory |
| 2. | Agron | Wilfredo |
| 3. | Aguilar | Jesus |
| 4. | Al-Jammal | Hamzah |
| 5. | Allphin | Richard |
| 6. | Andersen | Douglas |
| 7. | Anderson | Nicholas |
| 8. | Aquilina | Beau |
| 9. | Arbogast | Joshua |
| 10. | Arce | Anibal |
| 11. | Aspa | Orlando |
| 12. | Bachert | Jordan |
| 13. | Bachur | William |
| 14. | Baez | Alfredo |
| 15. | Bain | Joshua |
| 16. | Baker | Richard |
| 17. | Baker | Brian |
| 18. | Baker | Stephen |
| 19. | Bara-Kennedy | Kalen |
| 20. | Barnwell | Cynthia |
| 21. | Barowski | Jethro |
| 22. | Bates | Charles |
| 23. | Baughman | Joshua |
| 24. | Bell | Michael |
| 25. | Bell | Egiza |
| 26. | Benner | Zachary |
| 27. | Bennett | Christopher |
| 28. | Berglund | Kenneth |
| 29. | Bernath | Robert |
| 30. | Bertram | Josh |
| 31. | Best | Logan |
| 32. | Bibeau | Anthony |
| 33. | Bina | Jason |
| 34. | Birsa | Tom |
| 35. | Blagg | Michael |
| 36. | Blocker | Owen |
| 37. | Boling | Michael |
| 38. | Bonavia | Jason |
| 39. | Bosinger | Ethan |
| 40. | Bowman | Chase |
| 41. | Boyer | Kyle |
| 42. | Boyer | Andrew |
| 43. | Boykin | Robert |
| 44. | Bravard | Jeremy |
| 45. | Bright | Kelly |
| 46. | Briles | Dalton |
| 47. | Brill | Tyler |

| No. | Last Name | First Name |
|-----|------------------|-------------|
| 48. | Broadway | Brandon |
| 49. | Brown | Abdul |
| 50. | Brown | Chad |
| 51. | Brown | Ronald |
| 52. | Bruce | Jacob |
| 53. | Bruce | Jason |
| 54. | Bryce | Justin |
| 55. | Burnett | Gary |
| 56. | Burton | Jeremiah |
| 57. | Butler | Paul |
| 58. | Cagle | Michael |
| 59. | Cahill | Chad |
| 60. | Calahorrano | Julio |
| 61. | Calderon | Larry |
| 62. | Camacho | Jose |
| 63. | Cargola | Michael |
| 64. | Cargola | Emil |
| 65. | Carmona | George |
| 66. | Carnes | David |
| 67. | Carpenter | James |
| 68. | Carrillo Estrada | Deiby |
| 69. | Carroll | Christopher |
| 70. | Carter | Antoine |
| 71. | Cartwright | Michael |
| 72. | Casey | Sean |
| 73. | Casey | John |
| 74. | Casillas | Eduardo |
| 75. | Chambliss | Gavin |
| 76. | Chavez | Hayden |
| 77. | Chew | Norman |
| 78. | Cline | Timothy |
| 79. | Coleman | Gregory |
| 80. | Coleman | Jimmy |
| 81. | Coleman | Fredrick |
| 82. | Coler | Austin |
| 83. | Collins | Christian |
| 84. | Colyer | Homer |
| 85. | Compernelle | Walt |
| 86. | Cook | Jason |
| 87. | Cooper | Christopher |
| 88. | Cooper | Michell |
| 89. | Copley | Charles |
| 90. | Correia | Paris |
| 91. | Cortes | Orlando |
| 92. | Cortez | Xavier |
| 93. | Cortez Fuentes | J Salud |
| 94. | Costa | Christopher |



10. Submittal and Substantiating Documentation

Table 10-4. WTI's on-site Inspectors (continued).

| No. | Last Name | First Name |
|------|------------------|-----------------|
| 95. | Courtemanche | Richard |
| 96. | Courterier | Craig |
| 97. | Cowing | Fred |
| 98. | Cox | Derrell |
| 99. | Coyote-Hernandez | Oscar |
| 100. | Crabtree | Christopher |
| 101. | Cramer | Jonathan |
| 102. | Creller | Robert |
| 103. | Cristev | Nicolai |
| 104. | Cristev | Vladimir |
| 105. | Cronin | Jason |
| 106. | Crowe | Tyler |
| 107. | Cruz | Gerbacio |
| 108. | Cruz | Sergio |
| 109. | Cruz | Rogelio |
| 110. | Cuccaro | Nicholas |
| 111. | Cuenca | Miguel |
| 112. | Cunningham | Robert |
| 113. | Curley | Mike |
| 114. | Curtis | Cleveland |
| 115. | Dahmen | Bronson |
| 116. | Daisey | Dylan |
| 117. | Damaskin | Oleg |
| 118. | Davila | Edgardo |
| 119. | Davis | Antonio |
| 120. | Davis | Stuart |
| 121. | Davis | Michael |
| 122. | Davis | Austin |
| 123. | Dawson | Ryan |
| 124. | Dawson | Timothy |
| 125. | Day | Andrew |
| 126. | Dean | Kenneth |
| 127. | DeBee | Luke |
| 128. | DeCecco | Donald |
| 129. | DeGennaro | David |
| 130. | Delaney | Steven |
| 131. | Dellinger | Joshua |
| 132. | Dennis | Brennan |
| 133. | Depina | Jason |
| 134. | Devlin | Robert |
| 135. | Diaz | Rosa |
| 136. | Diaz | Joey |
| 137. | Diaz | Roger |
| 138. | Difilippo | Nicholas |
| 139. | Dilks | J. |
| 140. | Dilks | Brandon Michael |
| 141. | Dittman | Mark |

| No. | Last Name | First Name |
|------|-------------|-------------|
| 142. | Dobke | Shane |
| 143. | Doig | Nicholas |
| 144. | Donaldson | William |
| 145. | Dowd | Kyle |
| 146. | Dresser | Michael |
| 147. | Duff | Matthew |
| 148. | Dunbar | Quincson |
| 149. | Dwelly | James |
| 150. | Edgerton | Alec |
| 151. | Edwards | Cody |
| 152. | Eichelman | James |
| 153. | Elijah | Michael |
| 154. | Emmons | Emmanuel |
| 155. | Engels | Rodney |
| 156. | Erickson | Spencer |
| 157. | Euline | Moses |
| 158. | Evans | Zachary |
| 159. | Faber | Jacob |
| 160. | Facin | Andre |
| 161. | Falkenstein | Andrew |
| 162. | Faria | Israel |
| 163. | Farlow | Douglas |
| 164. | Ferrer | Luis |
| 165. | Finke | Gerald |
| 166. | Flaker | Kyle |
| 167. | Flanders | Craig |
| 168. | Flores | Jose |
| 169. | Floyd, Jr. | Xavier |
| 170. | Foglia | Domenico |
| 171. | Fortner | Michael |
| 172. | Franco | Roberto |
| 173. | Frazier | Troy |
| 174. | Fultz | Clint |
| 175. | Fye-Moore | Miles |
| 176. | Gallagher | Thomas |
| 177. | Gallegos | Diego |
| 178. | Gallegos | Christopher |
| 179. | Garcia | Rodrigo |
| 180. | Garcia | Alberto |
| 181. | Garcia | Abraham |
| 182. | Garza | Samuel |
| 183. | Gastelum | Zachary |
| 184. | Gastelum | Larry |
| 185. | Gauthier | Nathan |
| 186. | Gibson | Barry |
| 187. | Gibson | Brendan |
| 188. | Gibson | Steven |



10. Submittal and Substantiating Documentation

Table 10-4. WTI's on-site Inspectors (continued).

| No. | Last Name | First Name |
|------|-----------|---------------|
| 189. | Gibson | Ricky |
| 190. | Gichane | Taddaeus |
| 191. | Gilbert | Zachary |
| 192. | Gilbert | Clint |
| 193. | Gilgallon | Dakota |
| 194. | Gilks | Jay |
| 195. | Ginter | Timothy |
| 196. | Gipe | James |
| 197. | Givens | Drew |
| 198. | Godoy | Alberto |
| 199. | Gonzalez | Jose J |
| 200. | Good | Evan |
| 201. | Goode | Terrell |
| 202. | Gosnell | Bryant |
| 203. | Gosnell | Gregory |
| 204. | Griffett | Nicholas |
| 205. | Griffieth | Lucas |
| 206. | Guder | William |
| 207. | Guerin | John |
| 208. | Guerrero | Michael |
| 209. | Gunther | Adam |
| 210. | Haas | Adam |
| 211. | Hackman | Eric |
| 212. | Hamilton | Christopher S |
| 213. | Hankins | Matthew |
| 214. | Harden | Jeffrey |
| 215. | Harless | Caleb |
| 216. | Harmon | Jeffrey |
| 217. | Harnois | Anthony |
| 218. | Harper | Caleb |
| 219. | Hassler | Clint |
| 220. | Hathaway | Chandler |
| 221. | Haupt | Jeffrey |
| 222. | Hawkins | Matthew |
| 223. | Heavener | Cory |
| 224. | Heeks | Mark |
| 225. | Hendrix | Adam |
| 226. | Hernandez | Jose Luis |
| 227. | Hernandez | Jorge |
| 228. | Hernandez | Cory |
| 229. | Hernandez | Darwin |
| 230. | Hernandez | Miguel |
| 231. | Hernandez | Agustin |
| 232. | Hernandez | Jose Alfredo |
| 233. | Herran | Jacob |
| 234. | Hetrick | Frank |
| 235. | Hickey | Allen |

| No. | Last Name | First Name |
|------|------------|------------|
| 236. | Highlands | Dennis |
| 237. | Hill | Vonsha |
| 238. | Hills | Joseph |
| 239. | Hintz | Connor |
| 240. | Hively | Aaron |
| 241. | Hobbs | James |
| 242. | Hodson | Lynn |
| 243. | Hope | Robert |
| 244. | Huber | Robert |
| 245. | Hughes | Michael |
| 246. | Hunt | Jonathan |
| 247. | Hunt | Jordan |
| 248. | Huston | Jade |
| 249. | Hutchinson | Donald |
| 250. | Hyde | Andrew |
| 251. | Ibarra | Miguel |
| 252. | Isham | Dale |
| 253. | Jackson | Gregory |
| 254. | Jacoby | Jarred |
| 255. | Johnson | Keyshaun |
| 256. | Johnson | Joshua |
| 257. | Johnson | Brendon |
| 258. | Johnson | Lucas |
| 259. | Jonas | Mack |
| 260. | Jones | Jeffrey |
| 261. | Jones | Michael G. |
| 262. | Jones | Michael |
| 263. | Joyce | Kevin |
| 264. | Joyce | Daniel |
| 265. | Julian | James |
| 266. | Jurca | Mark |
| 267. | Kadic | Munib |
| 268. | Kearns | Robert |
| 269. | Keel | John |
| 270. | Kendall | Timothy |
| 271. | Kerner | Joseph |
| 272. | Kiker | Elwood |
| 273. | Killion | David |
| 274. | King | Jared |
| 275. | Klein | George |
| 276. | Kleis | Paul |
| 277. | Kline | Matthew |
| 278. | Knigge | James |
| 279. | Koeberlein | Jacob |
| 280. | Koeberlein | Jeremy |
| 281. | Koeberlein | Craig |
| 282. | Kramer | Gwen |



10. Submittal and Substantiating Documentation

Table 10-4. WTI's on-site Inspectors (continued).

| No. | Last Name | First Name |
|------|-------------|-------------|
| 283. | Krtev | Mikhail |
| 284. | Kruser | Charles |
| 285. | Kruszona | Kekoa |
| 286. | Kuhns | Tyler |
| 287. | Lafortune | Rodney |
| 288. | Lail | Dewey |
| 289. | Landrum | James |
| 290. | Lane | Gary |
| 291. | Lange | Joshua |
| 292. | Laraway | Chad |
| 293. | Lare | Albert |
| 294. | Lea | Dylan |
| 295. | Leatt | Kyle |
| 296. | Lee | Zachary |
| 297. | Lee | James |
| 298. | Lehman | Michael P. |
| 299. | Leigh | Brandon |
| 300. | Lewis | Bradley |
| 301. | Liederbach | Ariana |
| 302. | Lima | Stephen |
| 303. | Lippert | Andrew |
| 304. | Lipton | Stormjames |
| 305. | Lister | Joshua |
| 306. | Lolohea | Finau |
| 307. | Luzaya | Nsimba |
| 308. | Macak | Todd |
| 309. | Maharaj | Sureashdath |
| 310. | Mahuka, Jr. | Franklin |
| 311. | Malcarne | Mark |
| 312. | Mallory | Dallas |
| 313. | Maluzhinsky | Michael |
| 314. | Manganello | Michael |
| 315. | Mansfield | Marshall |
| 316. | Manzano | Juan |
| 317. | Maples | Charles |
| 318. | Marks | John |
| 319. | Marr | Kaleb |
| 320. | Martinez | Elvin |
| 321. | Masters | Dustin |
| 322. | Mathis, Jr. | William |
| 323. | Mattison | Cole |
| 324. | Matuwezski | David |
| 325. | Mazurek | Jonathan |
| 326. | McClain | Daniel |
| 327. | McCoy | Arian |
| 328. | McDonald | Clarence |
| 329. | McDuffie | William |

| No. | Last Name | First Name |
|------|------------|-------------|
| 330. | McIlvain | Greg |
| 331. | McLaughlin | Kevin |
| 332. | McMahan | Stephen |
| 333. | McNerney | Dennis |
| 334. | Mendez | Cristian |
| 335. | Mendrala | Ernest |
| 336. | Meza | Brandon |
| 337. | Micciche | Michael |
| 338. | Miller | Brandon |
| 339. | Miller | Griffin |
| 340. | Miller, II | William |
| 341. | Milwrick | Arthur |
| 342. | Minaker | Jonathan |
| 343. | Miranda | Jose Hugo |
| 344. | Miranda | Jose Martin |
| 345. | Miranda | Omar |
| 346. | Mokuba | Gilbert |
| 347. | Monnett | Gary |
| 348. | Monteiro | John |
| 349. | Morales | Antonio |
| 350. | Morales | Esteban |
| 351. | Morales | Efrain |
| 352. | Morrison | Dustin |
| 353. | Mosley | Christopher |
| 354. | Mounts | Micah |
| 355. | Murphy | William |
| 356. | Neely | Michael |
| 357. | New | David |
| 358. | Newcomer | Daniel |
| 359. | Nichols | Dale |
| 360. | Nilson | Harold |
| 361. | Nykreim | Vance |
| 362. | Nykreim | Kjell |
| 363. | O'Brien | Thomas |
| 364. | O'Brien | Joseph |
| 365. | O'Donnell | Zachary |
| 366. | Olivas | George |
| 367. | Omann | Jeremiah |
| 368. | O'Neill | Timothy |
| 369. | Ortiz | Efrain |
| 370. | Ortiz | Abraham |
| 371. | Ortiz | Fernando |
| 372. | Orton | Eddie |
| 373. | O'Shea | Charles |
| 374. | Osika | Brandon |
| 375. | Ost | Garrett |
| 376. | O'Toole | Patrick |



10. Submittal and Substantiating Documentation

Table 10-4. WTI's on-site Inspectors (continued).

| No. | Last Name | First Name |
|------|------------|------------|
| 377. | Pacelli | Louis |
| 378. | Pacelli | Joseph |
| 379. | Parish | Robert |
| 380. | Partridge | Jake |
| 381. | Pascalov | Evgheni |
| 382. | Pasterczyk | Joseph |
| 383. | Patterson | John |
| 384. | Patterson | Marc |
| 385. | Peabody | Wayne |
| 386. | Peacock | Jason |
| 387. | Pedigo | Nathan |
| 388. | Pepling | Dean |
| 389. | Pereira | Paulo |
| 390. | Perez | Rosalio |
| 391. | Perez | Cody |
| 392. | Peterson | Aaron |
| 393. | Peterson | Billyjo |
| 394. | Peterson | Adam |
| 395. | Phan | Luc |
| 396. | Phillips | Andrew |
| 397. | Phillips | Robert |
| 398. | Picco | Matthew |
| 399. | Pierce, Jr | Richard |
| 400. | Pierce, Jr | Ronald |
| 401. | Pilcher | Justin |
| 402. | Pinckney | David |
| 403. | Poplin | Robert |
| 404. | Porter | Keith |
| 405. | Powell | Mark |
| 406. | Pruett | Ruth |
| 407. | Pulliam | Isiah |
| 408. | Puricelli | Chris |
| 409. | Quednau | Alexander |
| 410. | Ramsey | David |
| 411. | Raymond | Bradley |
| 412. | Reardon | Eric |
| 413. | Reardon | Patrick |
| 414. | Reeves | Tyler |
| 415. | Reeves | Patrick |
| 416. | Reeves | Josey |
| 417. | Reeves | Herman |
| 418. | Reff | Noah |
| 419. | Rewis | Christian |
| 420. | Rexrode | Todd |
| 421. | Rhoads | Brad |
| 422. | Richards | Francis |
| 423. | Richardson | Jason |
| 424. | Richardson | Trevor |

| No. | Last Name | First Name |
|------|---------------|------------|
| 425. | Ricklefs | William |
| 426. | Ritter | Kevin |
| 427. | Rivas | Jorge |
| 428. | Rizza | Paul |
| 429. | Roberts | Kirstine |
| 430. | Roberts | Jerry |
| 431. | Robertson | Michael |
| 432. | Rodrigues | Walter |
| 433. | Rodriguez | Isaac |
| 434. | Rodriguez | Charles |
| 435. | Rogers | Caleb |
| 436. | Rogers | Jamie |
| 437. | Rogers | James |
| 438. | Roldan | Luis |
| 439. | Rosado | Hector |
| 440. | Ross | Michael |
| 441. | Royal | James |
| 442. | Russo | Joseph |
| 443. | Saavedra | David |
| 444. | Salamone | Michael |
| 445. | Salyer | Emmette |
| 446. | Sanchez | Joshua |
| 447. | Sanford | Mathew |
| 448. | Santana | Luis |
| 449. | Santiago | Nohili |
| 450. | Savage | John |
| 451. | Savka | Oleg |
| 452. | Schaefer | Nathan |
| 453. | Schaefer | Logan |
| 454. | Schaitel | Mitchell |
| 455. | Schoeman | Eugene |
| 456. | Schreckengost | Robert |
| 457. | Schultz | Douglas |
| 458. | Seger | Patrick |
| 459. | Shade | Michael |
| 460. | Shaeffer | Rodney |
| 461. | Shahan | Chandlor |
| 462. | Shapiro | Paul |
| 463. | Shea | Daryl |
| 464. | Shepherd | Aric |
| 465. | Shierling | Steven |
| 466. | Shoemaker | Richerd |
| 467. | Shoop | Dylan |
| 468. | Silas | Omar |
| 469. | Silas | Edward |
| 470. | Simon | Troy |
| 471. | Sise | Frank |
| 472. | Sloan | Michael |



10. Submittal and Substantiating Documentation

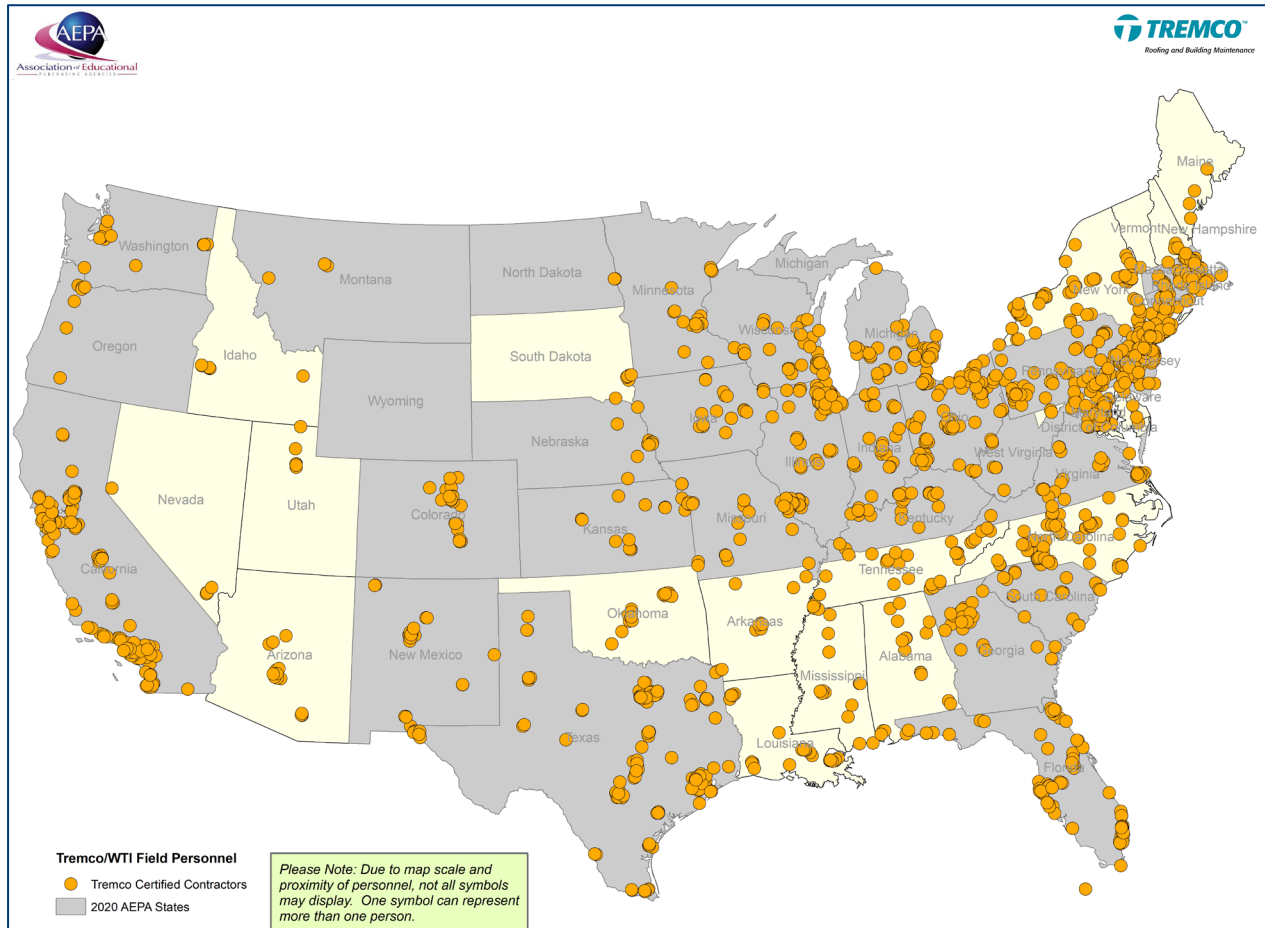
Table 10-4. WTI's on-site Inspectors (continued).

| No. | Last Name | First Name |
|------|-------------|-------------|
| 473. | Slover | Daniel |
| 474. | Small | Denzell |
| 475. | Smith | Brian |
| 476. | Smith | Calvin |
| 477. | Solarino | Michael |
| 478. | Soudi | Marvin |
| 479. | Sova | Patrick |
| 480. | Spaulding | Connor |
| 481. | Spencer | Matthew |
| 482. | Spidle | Paul |
| 483. | Stack | Andrew |
| 484. | Stafford | William |
| 485. | Stafford | Caleb |
| 486. | Standiford | Joel |
| 487. | Stapleton | Logan |
| 488. | Steele | Brent |
| 489. | Stewart | James |
| 490. | Stinardo | Kadin |
| 491. | Stump | Chad |
| 492. | Tarr | David |
| 493. | Temple | Arthur |
| 494. | Thomas | Joshua |
| 495. | Thomas | John |
| 496. | Thomas, Jr. | Gregory |
| 497. | Tieche | Zachary |
| 498. | Tornga | Edward |
| 499. | Torres | Ismael |
| 500. | Toure | Sory |
| 501. | Trainum | Douglas |
| 502. | Tremblay | Thomas |
| 503. | Triplett | Christopher |
| 504. | Trofimovich | Erik |
| 505. | Tumbling | Toney |
| 506. | Tyson | Ron |
| 507. | Ungor | Joseph |
| 508. | Valdes | Christopher |
| 509. | Vance | Kyle |
| 510. | VanDetta | Matthew |
| 511. | Vansciver | Harry |
| 512. | Vargas | Hector |
| 513. | VerHelst | Kyle |
| 514. | Vernava | Adam |
| 515. | Vick | Archie |
| 516. | Villalpando | Paul |
| 517. | Virgo | Derek |
| 518. | Vitagliano | Mathew |
| 519. | Vitagliano | Lawrence |

| No. | Last Name | First Name |
|------|-------------|------------|
| 520. | Vital | Carlos |
| 521. | Vitiello | Stephen |
| 522. | Voitesonoks | Aleksejs |
| 523. | Vujnov | William |
| 524. | Wakely | Eric |
| 525. | Walker | Daniel |
| 526. | Walker | Ezekiel |
| 527. | Walker | Chad |
| 528. | Walsh | Michael P |
| 529. | Walter | Kaspa |
| 530. | Walters | Bruce |
| 531. | Waters | Seth |
| 532. | Watkins | Wyatt |
| 533. | Watson | Carlton |
| 534. | Webber | Hal |
| 535. | Weekly | Devin |
| 536. | Weekly, Jr | Robert |
| 537. | Westcoat | Arthur |
| 538. | White | Evan |
| 539. | Whiting | Ronald |
| 540. | Willacker | Kevin |
| 541. | Williams | Micah |
| 542. | Williams | Maurice |
| 543. | Wilson | Dennis |
| 544. | Wisiak | Edward |
| 545. | Wolszczak | Michael |
| 546. | Woodruff | Brandin |
| 547. | Woods | Bryce |
| 548. | Woolfolk | Dylan |
| 549. | Workman | Bryan |
| 550. | Worrell | Noel |
| 551. | Wright | Joshua |
| 552. | Wright | Kody |
| 553. | Wright | Devin |
| 554. | Wright | David |
| 555. | Wright | Jacob |
| 556. | Wright | Gerry |
| 557. | Wright | Russell |
| 558. | Wyatt | Trenton |
| 559. | Wyatt | Timothy |
| 560. | Young | Floyd |
| 561. | Zeilmann | Michael |
| 562. | Zeringue | Tavari |
| 563. | Zima | Daniel |
| 564. | Zuspan | Jacob |
| 565. | Zuspan | Wesley |

10. Submittal and Substantiating Documentation

Figure 10-3. WTI's nationwide subcontractor resources.





10. Submittal and Substantiating Documentation

Table 10-5. Summary of WTI's subcontractors in AEPA states.

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|--------------------------------|------------------|-------|----------|-------------------|--|
| 4 SEASONS ROOFING INC. | 1300 W Colegrove Ave | Montebello | CA | 90640 | Unavailable | ✓ |
| A CABRAL ROOFING GROUP | 10428 Tristan Drive | Downey | CA | 90241 | 864046 | ✓ |
| A GOOD ROOFER, INC. | 11651 Riverside Drive #145 | Lakeside | CA | 92040 | Unavailable | ✓ |
| A N C ROOFING | 1400 Petaluma Hill Road | Santa Rosa | CA | 95404 | Unavailable | ✓ |
| A V (ANTELOPE VALLEY) ROOFING | PO Box 192 | Lancaster | CA | 93539 | 804868 | ✓ |
| A. PREMAN ROOFING, INC. | 875 34th Street | San Diego | CA | 92102 | Unavailable | ✓ |
| ABSOLUTE URETHANE | 6614 S. Elm | Fresno | CA | 93706 | 878307 | ✓ |
| ACTION ROOFING DBA OF JM ROOFING COMPANY INC. | 534 East Ortega Street | Santa Barbara | CA | 93103 | Unavailable | ✓ |
| ADCO ROOFING, INC. | 1894 N. Main Street, 2nd Floor | Orange | CA | 92865 | 1061654 | ✓ |
| ADVANCED ROOF DESIGN INC. | 4 Wayne Court, Bldg 10 | Sacramento | CA | 95829 | 672328 | ✓ |
| ADVANCED ROOFING | 7548 Crawford Ave | Oakdale | CA | 95361 | 829540 | ✓ |
| ALCAL/ARCADE CONTRACTING | 1614 Marlborough Ave Unit 2 | Riverside | CA | 92507 | 887422 | ✓ |
| ALL SEASONS ROOFING & WATERPROOFING INC. | 1720 Smith Avenue | San Jose | CA | 95112 | 759091 | ✓ |
| ALLIANCE ROOFING | 630 Martin Avenue | Santa Clara | CA | 95050 | 487025 | ✓ |
| ALLIED CONSTRUCTION SERVICES | 7602 National Drive, Suite B | Livermore | CA | 94550 | 605271 | ✓ |
| ALLIED ENTERPRISES, INC. | 8788 Elder Creek Road | Sacramento | CA | 95829 | 273778 | ✓ |
| AMERICAN FOAM EXPERTS | 11500 Twin Cities Road | Galt | CA | 95632 | 969486 | ✓ |
| AMERICAN ROOFING SERVICES INC. | 1132 E. Woodhaven Lane | Fresno | CA | 93720 | 942008 | ✓ |
| AMERICAN SERVICES COMPANY | 6761 Sierra Court, Suite D | Dublin | CA | 94568 | 729971 | ✓ |
| ANGELUS WATERPROOFING & RESTORATION INC. | 5731 McFadden Ave. Suite B | Huntington Beach | CA | 92649 | 461100 | ✓ |
| APPLIED ROOF ENGINEERING | 1678 N. Maple Street | Corona | CA | 92880 | 707280 | ✓ |
| ARC ROOFING | 537 Front St. | El Cajon | CA | 92020 | 830801 | ✓ |
| ARK DESIGN ROOFING | 9157 Deschutes Rd, Suite A | Palo Cedro | CA | 96073 | 632117 | ✓ |
| BARTH ROOFING COMPANY, INC. | 4384 W. Pine Haven Drive | Tracy | CA | 95304 | 760030 | ✓ |
| BELL ROOF CO. | 636 South I Street | San Bernardino | CA | 92410 | 119946 | ✓ |
| BERRYMAN ROOFING | PO Box 2154 | El Centro | CA | 92244 | 337445 | ✓ |
| BEST CONTRACTING SERVICES, INC. | 19027 S Hamilton Ave | Gardena | CA | 90248 | 456263 | ✓ |
| BEST ROOFING | 29300 Pacific Street | Hayward | CA | 94544 | Unavailable | ✓ |
| BIGHAM-TAYLOR ROOFING | 22721 Alice Street | Hayward | CA | 94541 | 431631 | ✓ |
| BISHOP, INC. | 1429 W. Collins Avenue | Orange | CA | 92867 | 793917 | ✓ |
| BLIGH ROOF COMPANY INC | PO Box 3083 | Santa Fe Springs | CA | 90670 | 339215 | ✓ |
| BLUE'S ROOFING CO. | 182 Topaz Street | Milipitas | CA | 95035 | 335210 | ✓ |
| BRAVO ROOFING | 126 Viking Avenue | Brea | CA | 92821 | 683275 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|--------------------------------|------------------|-------|----------|-------------------|--|
| BRAZOS URETHANE | 4331 Santa Ana Ave. | Fresno | CA | 93722 | 9825 | ✓ |
| CABRAL ROOFING & WATERPROOFING | 815 W Olympic Blvd | Montebello | CA | 90640 | 746649 | ✓ |
| CALIFORNIA ROOFING | 1595 South 10th Street | San Jose | CA | 95112 | 174900 | ✓ |
| CALIFORNIA SINGLE PLY INC | PO Box 2799 | Rocklin | CA | 95677 | 662255 | ✓ |
| CAPITOL ROOFING SYSTEMS, INC | PO Box 1989 | Rocklin | CA | 95677 | 960133 | ✓ |
| CARDINAL SHEET METAL, INC. | 3184 Durahart Street | Riverside | CA | 92507 | 720833 | ✓ |
| CENTRAL VALLEY PAINTING | 4755 N San Diego Avenue | Firebaugh | CA | 93622 | 715699 | ✓ |
| CHAMBERS INC. DBA ROOF CONSTRUCTION CO | 1563 Sterling Ct. | Escondido | CA | 92029 | 647203 | ✓ |
| CHANNEL ISLANDS ROOFING | 4155 North Southbank Drive | Oxnard | CA | 93030 | 395828 | ✓ |
| CHAPMAN COAST ROOF COMPANY, INC. | 2301 E Orangethorpe Ave | Fullerton | CA | 92831 | 234936 | ✓ |
| CI SERVICES INC. | 26861 Trabuco Road, #353 | Mission Viejo | CA | 92691 | Unavailable | ✓ |
| CLARK ROOFING INC. | 2076 Acona Street | Sacramento | CA | 95815 | 461137 | ✓ |
| COMMERCIAL & INDUSTRIAL ROOFING CO. | 9239 Olive Dr | Spring Valley | CA | 91977 | 542724 | ✓ |
| COMMERCIAL ROOFING SYSTEMS, INC. | 11735 Goldring Road | Arcadia | CA | 91006 | 591222 | ✓ |
| COMMERCIAL WATERPROOFERS, INC. | 8178 Belvedere Avenue, Suite D | Sacramento | CA | 95826 | 451282 | ✓ |
| COOK COATINGS | 33834 Zeiders Road | Menifee | CA | 92584 | 438394 | ✓ |
| COOL ROOFING SYSTEMS INC | 1286 Dupont Court | Manteca | CA | 95336 | 769607 | ✓ |
| COR-RAY PAINTING CO | 10114 Shoemaker Avenue | Santa Fe Springs | CA | 90670 | 233474 | ✓ |
| COURTNEY WATERPROOFING, INC. | 16781 Millikan Avenue | Irvine | CA | 92606 | 699236 | ✓ |
| CRAIG ROOF COMPANY, INC. | PO Box 4520 | Santa Barbara | CA | 93140 | 737309 | ✓ |
| CRC ROOFING, INC. | 3774 Bradview Drive | Sacramento | CA | 95827 | Unavailable | ✓ |
| CS1 ROOFING | 1911 Douglas Blvd, Ste 85-193 | Roseville | CA | 95661 | Unavailable | ✓ |
| D7 ROOFING SERVICES, INC. | 205 23Rd St | Sacramento | CA | 95816 | 746471 | ✓ |
| DERRICK'S ROOFING | 705-A Firestone Road | Santa Barbara | CA | 93117 | 260984 | ✓ |
| DRI COMMERCIAL | 17182 Armstrong Ave | Irvine | CA | 92614 | 818623 | ✓ |
| DUBOIS ROOFING, INC. | PO Box 2697 | Fremont | CA | 94536 | 779586 | ✓ |
| EBERHARD BENTON ROOFING | 3691 Hancock Street | San Diego | CA | 92110 | 731742 | ✓ |
| EBERHARD ROOFING | 15220 Raymer Street | Van Nuys | CA | 91405 | 254411 | ✓ |
| ENTERPRISE ROOFING SERVICE INC | PO Box 5130 | Concord | CA | 94524 | 221274 | ✓ |
| ERC ROOFING AND WATERPROOFING | 1630 Palm Street | Santa Ana | CA | 92701 | Unavailable | ✓ |
| EXBON DEVELOPMENT, INC. | 13831 Newhope Street | Garden Grove | CA | 92843 | 863384 | ✓ |
| EXCEL ROOFING SERVICES | 418 North Buchanan Circle #B | Martinez | CA | 94553 | 663498 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|----------------------------------|---------------|-------|----------|-------------------|--|
| EXCULSIVE METAL INC | 3646 Presley Avenue | Riverside | CA | 92507 | Unavailable | ✓ |
| F RODGERS CORPORATION | 7775 Las Positas Road | Livermore | CA | 94551 | 499755 | ✓ |
| F RODGERS CORPORATION | 2817 E Cedar St., Ste 100 | Ontario | CA | 91761 | Unavailable | ✓ |
| F.D. THOMAS, INC (FDT) | 200 Harris Avenue | Sacramento | CA | 95838 | Unavailable | ✓ |
| FALCON ROOFING COMPANY | 425 #D Constitution Ave | Camarillo | CA | 93012 | 715753 | ✓ |
| FC & SONS ROOFING INC. | 6508 Clara Street | Bell Gardens | CA | 90201 | 776310 | ✓ |
| FIDELITY ROOF COMPANY, INC. | 1075 - 40th Street | Oakland | CA | 94608 | 156017 | ✓ |
| FIRST CLASS INTERIORS, INC.** | 15303 Ventura Blvd #900 | Sherman Oaks | CA | 91403 | 834181 | ✓ |
| FOUR C'S SERVICE | 1560 H Street | Fresno | CA | 93721 | 303676 | ✓ |
| FRESNO ROOFING COMPANY, INC. | 5950 East Olive Avenue | Fresno | CA | 93727 | 302777 | ✓ |
| GARCIA ROOFING | 201 Mount Vernon Avenue | Bakersfield | CA | 93307 | 385787 | ✓ |
| GEORGE ROOFING | 6810 Lincoln Blvd | Oroville | CA | 95966 | 452266 | ✓ |
| GOOD-MEN ROOFING AND CONSTRUCTION INC. | 3940 Hancock Street, Suite 220 | San Diego | CA | 92110 | 564153 | ✓ |
| GRAHAM-PREWETT, INC | 2773 N. Business Park Ave #102 | Fresno | CA | 93727 | 793065 | ✓ |
| GUDGEL/YANCY ROOFING INC. | 5321 - 84th Street | Sacramento | CA | 95826 | 736303 | ✓ |
| HARBERT ROOFING | 10274 Maddelein Lane | Palo Cedro | CA | 96073 | 393870 | ✓ |
| HENRIS ROOFING CO | PO Box 138 | Petaluma | CA | 94953 | 220964 | ✓ |
| HESTER ROOFING | PO Box 245390 | Sacramento | CA | 95824 | 290678 | ✓ |
| HOWARD ROOFING CO., INC. | 139 E. Commercial Street | Pomona | CA | 91767 | 475568 | ✓ |
| I & A CONTRACTOR INC. | 3158 Spring Street | Redwood City | CA | 94063 | 989071 | ✓ |
| INDUSTRIAL MAINTENANCE SERVICE | 200 W. Roseburg Ave | Modesto | CA | 95350 | 480185 | ✓ |
| J DAVIS CONSTRUCTION MANAGEMENT INC | 141 N Ventura Ave Ste F | Ventura | CA | 93001 | Unavailable | ✓ |
| J J ROOFING | PO Box 5657 | Riverside | CA | 92517 | 409528 | ✓ |
| J P WITHEROW ROOFING CO. | 10176 Riverford Road | Lakeside | CA | 92040 | 104525 | ✓ |
| J. CAB & SONS ROOFING | 4530 Pacific Way | Commerce | CA | 90040 | 629527 | ✓ |
| JORDAN ROOF COMPANY | 915 West Collins Avenue | Orange | CA | 92867 | 406783 | ✓ |
| KING'S ROOFING | PO Box 1542 | Patterson | CA | 95363 | 576154 | ✓ |
| KODIAK RFG & WATERPROOFING CO. | 8825 Washington Blvd., Suite 100 | Roseville | CA | 95678 | 732770 | ✓ |
| LAWSON ROOFING | 1495 Tennessee | San Francisco | CA | 94107 | 339053 | ✓ |
| LEGACY ROOFING | 1698 Rogers Ave, #10 | San Jose | CA | 95112 | 802656 | ✓ |
| LETNER ROOFING CO | 1490 North Glassell Street | Orange | CA | 92667 | 689961 | ✓ |
| LONG BEACH ROOFING | 3265 E. 59th Street | Long Beach | CA | 90805 | 618696 | ✓ |
| LOUIS AND RIPARETTI INC. | 5100 Scotts Valley Drive | Scotts Valley | CA | 95066 | 760630 | ✓ |
| MADSEN ROOF CO | PO Box 277730 | Sacramento | CA | 95827 | 519488 | ✓ |
| MARANATHA SHEET METAL, INC | 411 N Sullivan Street | Santa Ana | CA | 92703 | 915024 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|---------------------------------|----------------|-------|----------|-------------------|--|
| MC CONSTRUCTION SERVICES, INC. | 123 Wright Brothers Avenue | Livermore | CA | 94551 | 684523 | ✓ |
| MCM ROOFING COMPANY | 3440 Flight Lane, Bldg 25 | Mcclellan | CA | 95652 | Unavailable | ✓ |
| MEDRANO ROOFING, INC. | 308 H Street | Bakersfield | CA | 93304 | 980695 | ✓ |
| MIDSTATE SHEETMETAL INC. | 1047 Carrier Parkway Ave | Bakersfield | CA | 93308 | 840189 | ✓ |
| MK PRESTIGE BUILDERS INC | 22661 Lambert Street | Lake Forest | CA | 92630 | Unavailable | ✓ |
| MODERN METHOD ROOFING | 180 Coombs St. | Napa | CA | 94559 | 704733 | ✓ |
| NATIONS ROOF WEST, LLC | 5463 E. Hedges Avenue | Fresno | CA | 93727 | 1012378 | ✓ |
| NEST CONSTRUCTION & SERVICES | 7055 E. Creekside Lane | Anaheim Hills | CA | 92807 | 1025849 | ✓ |
| NOR CAL WATERPROOFING | 5085 Lone Tree Way | Antioch | CA | 94531 | 1028360 | ✓ |
| NORTHERN PACIFIC ROOFING INC. | 1312 Mission Avenue | San Rafael | CA | 94901 | 812250 | ✓ |
| PAC SHIELD ROOF SERVICES | 5151 Pentecost Drive Ste A | Modesto | CA | 95356 | 1031725 | ✓ |
| PACIFIC COAST COMPANIES INC | 10500 White Rock Road Suite 100 | Rancho Cordova | CA | 95670 | 817993 | ✓ |
| PATRIOT CONTRACTING, INC. | 19031 S. Hamilton Avenue | Gardena | CA | 90248 | 921239 | ✓ |
| PETERSEN DEAN COMM., INC. | 7980 Enterprise Dr. | Newark | CA | 94560 | 832119 | ✓ |
| PETERSEN DEAN INC | 1250 Enterprise Court | Corona | CA | 92882 | 832119 | ✓ |
| PGC CONSTRUCTION INC. | 42309 Winchester Road-Unit C | Temecula | CA | 92590 | Unavailable | ✓ |
| PIONEER ROOFING | 1485 Armstrong Avenue | San Francisco | CA | 94124 | 827804 | ✓ |
| PREMIER ROOFING CA, INC | 9054 Olive Drive | Spring Valley | CA | 91977 | 715677 | ✓ |
| PRIORITY ROOFING SOLUTIONS, INC. | 2978 Towers Lane | San Jose | CA | 95121 | 770948 | ✓ |
| PUEBLO CONSTRUCTION | 232 Anacapa Street | Santa Barbara | CA | 93101 | 538295 | ✓ |
| R & R ROOFING & WATERPROOFING, INC. | 17995 Collier Ave | Lake Elsinore | CA | 92530 | 934782 | ✓ |
| RB SHEET METAL, INC. | 1893 Capri Avenue, Ste G | Mentone | CA | 92359 | 639711 | ✓ |
| REINHARDT ROOFING, INC. | 8250 Enterprise Drive | Newark | CA | 94560 | 415841 | ✓ |
| REY-CREST ROOFING | 3065 Verdugo Road | Los Angeles | CA | 90065 | 334758 | ✓ |
| RGB - RICE GENERAL BUILDING | 3520 Seagate Way Unit 145 | Oceanside | CA | 92056 | 869355 | ✓ |
| RGSLA INC | 13555 Imperial Hwy | Whittier | CA | 90605 | 712731 | ✓ |
| RITWAY ROOF CORPORATION | 15425 Arrow Route | Fontana | CA | 92335 | 661941 | ✓ |
| ROCKLIN ROOFING, INC. | 3295 Monier Circle Unit C | Folsom | CA | 95630 | 788795 | ✓ |
| ROEJACK ROOFING | 1107 Petree Street | El Cajon | CA | 92120 | 375265 | ✓ |
| ROOFING SERVICES INT'L DBA RSI ROOFING | 8285 Buckhorn | San Diego | CA | 92111 | 493667 | ✓ |
| ROOFLINE BUILDERS INC. | 1257 Quarry Lane, Suite 100 | Pleasanton | CA | 94566 | 953509 | ✓ |
| ROY O HUFFMAN ROOF CO | 888 Marlborough Avenue | Riverside | CA | 92507 | 316458 | ✓ |
| RUA & SONS MECH. INC. | 4265 Duluth Avenue | Rocklin | CA | 95765 | 816570 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|---------------------------------|---------------------|-------|----------|-------------------|--|
| SADDLEBACK WATERPROOFING | 22521 Ave. Empresa Ste. 125 | Rancho St Margarita | CA | 92688 | 627895 | ✓ |
| SADLER ROOFING INC. | 2369 N. Batavia Street | Orange | CA | 92865 | 986967 | ✓ |
| SAN FRANCISCO ROOFING SERVICES INC. | 2115 Jennings St | San Francisco | CA | 94124 | 1047655 | ✓ |
| SAN MARINO ROOF CO INC | 2187 N Batavia Street | Orange | CA | 92865 | 249559 | ✓ |
| SCUDDER ROOFING COMPANY | 3342 Paul Davis Drive | Monterey | CA | 93942 | 445118 | ✓ |
| SEACORE INDUSTRIAL INC. | 107 Rincon St. | Can Clemente | CA | 92672 | 791283 | ✓ |
| SEARS ROOFING SERVICE | 5757 McKinnley Avenue | South Gate | CA | 90280 | 520156 | ✓ |
| SHON REIN DBA PACIFIC SHEET METAL | 1042 Enterprise Avenue | San Jacinto | CA | 92882 | Unavailable | ✓ |
| SHOWTIME ROOFING & REMODELING | 941 Washington Blvd., Ste 303 | Roseville | CA | 95678 | 932017 | ✓ |
| SOLANO COUNTY ROOFING | 4349 Cordelia Rd | Fairfield | CA | 94534 | 495355 | ✓ |
| SONOMA ROOFING DBA ROOFING SERVICES | 4155 Santa Rosa Avenue | Santa Rosa | CA | 95407 | 522416 | ✓ |
| SOUTHWEST CONSTRUCTION & PROP | 1213 San Mateo Ave | San Bruno | CA | 94066 | 751467 | ✓ |
| SPARKS ROOFING | 2337 Grandview Street | San Diego | CA | 92110 | 682921 | ✓ |
| STATE ROOFING SYSTEMS INC. | 15444 Hesperian Blvd. | San Leandro | CA | 94578 | 417692 | ✓ |
| STONE ROOFING | 730 North Coney Avenue | Azusa | CA | 91702 | 159149 | ✓ |
| STRONGER BUILDING SERVICES | 580 Harlan Street | San Leandro | CA | 94577 | 955618 | ✓ |
| SUMMIT ROOFING | 705 Industrial Park Drive | Manteca | CA | 95337 | 675295 | ✓ |
| SUPERIOR WEATHERPROOFING INC. - ONE JOB ONLY | 26577 Emeritt Lane | Perris | CA | 92571 | 1014441 | ✓ |
| SYLVESTER ROOFING COMPANY INC | 306N West El Norte Parkway #371 | Escondido | CA | 92026 | 516696 | ✓ |
| T.A. KRAUSE CONSTRUCTION | 230 N. Stockton St. | Lodi | CA | 95240- | Unavailable | ✓ |
| TECTA AMERICA SACRAMENTO | 3257 Fitzgerald Road | Rancho Cordova | CA | 95742 | 864500 | ✓ |
| TECTA AMERICA SOUTHERN CALIFORNIA, INC. | 1217 East Wakeham Avenue | Santa Ana | CA | 92705 | 811111 | ✓ |
| TERRA PACIFIC LANDSCAPE | 1627 E Wilshire Avenue | Santa Ana | CA | 92705 | 626536 | ✓ |
| THERMAL ROOF SYSTEMS, INC. | 8200 Berry Avenue #180 | Sacramento | CA | 95828 | 886349 | ✓ |
| TN SHEET METAL, INC. | 18385 Bandilier Circle | Fountain Valley | CA | 92708 | Unavailable | ✓ |
| TRI-COUNTIES ROOF & INSULATION INC | P O Box 301 | Visalia | CA | 93279 | 513914 | ✓ |
| TRU-TECH COATING & ROOFING | 1700 Reliance Avenue | Modesto | CA | 95358 | 492186 | ✓ |
| UNITED ROOF MANAGEMENT, INC. | 22126 S. Vermont Ave #C | Torrance | CA | 90502 | 759027 | ✓ |
| UNIVERSAL COATINGS | 3373 S. Chestnut Avenue | Fresno | CA | 93725- | 717507 | ✓ |
| VANGUARD CONST DBA VANGUARD RFG | 1173 El Camino Real | Arroyo Grande | CA | 93421 | 799789 | ✓ |
| WARREN ROOFING | PO Box 35 | Stanton | CA | 90680 | Unavailable | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|----------------------------|-------------------|-------|----------|--|--|
| WATERPROOFING ASSOCIATES | 975 Terra Bella Ave | Mountain View | CA | 94043 | 649862 | ✓ |
| WATERPROOFING EXPERTS | 7736 Deering Avenue | Canoga Park | CA | 91304 | 556974 | ✓ |
| WATSON ROOFING | 3185 Longview Drive | Sacramento | CA | 95821 | 602298 | ✓ |
| WEBCO DBA WEBCO CONSTRUCTION | 2451 Eastman Avenue #16 | Oxnard | CA | 93030 | Unavailable | ✓ |
| WESTERN ROOFING | 15002 Wicks Blvd | San Leandro | CA | 94577 | 180533 | ✓ |
| WESTERN SPECIALTY CONTRACTORS | 650 North Batavia | Orange | CA | 92868 | 106151 | ✓ |
| WESTERN STATES ROOFING, INC. | 18605 Parthenia Street | Northridge | CA | 91324 | Unavailable | ✓ |
| WILLIAMS ROOFING | 11125 Commercial Pkwy | Castroville | CA | 95012 | 373575 | ✓ |
| XNS INCORPORATED | PO Box 800 | Santa Maria | CA | 93456 | Unavailable | ✓ |
| AGRIFAB COLORADO | 9231 Eastman Park Dr. | Windsor | CO | 80550 | No state licensing for roofing/ general contracting in CO. | ✓ |
| ALPINE ROOFING CO | 4780 York Street | Denver | CO | 80216 | | ✓ |
| ATHEY BEAMAN CO | PO Box 1787 | Pueblo | CO | 81002 | | ✓ |
| B & M ROOFING | 3768 Eureka Way | Frederick | CO | 80516 | | ✓ |
| BIGHORN METALWORKS INC. | 5400 E. 56th Ave | Commerce City | CO | 80022 | | ✓ |
| BLACK ROOFING, INC. | 6115 Ben Place, Suite A | Boulder | CO | 80301 | | ✓ |
| CENTRAL STATES ROOFING CO, INC. | 5925 Omaha Blvd. | Colorado Springs | CO | 80915 | | ✓ |
| COLORADO MOISTURE CONTROL | 1115 Des Moines Avenue | Loveland | CO | 80537 | | ✓ |
| CRW, INC. | 3273 S Santa Fe Drive | Englewood | CO | 80110 | | ✓ |
| D & D ROOFING, INC. | 6270 E. 50th Avenue | Commerce City | CO | 80022 | | ✓ |
| DRURY BROTHERS ROOFING | 2201 North I-25 | Pueblo | CO | 81008 | | ✓ |
| EXTERIOR SOLUTIONS GROUP, LLC | 5546 Bear Creek Loop | Elizabeth | CO | 80107 | | ✓ |
| FRONT RANGE ROOFING | 222 - 13th Avenue | Greeley | CO | 80631 | | ✓ |
| GRAND COUNTY ROOFING & SHT MTL DBA THE ROOFING CO | PO Box 29 | Granby | CO | 80446 | | ✓ |
| JEWETT ROOFING COMPANY | 3525 N Cascade Ave | Colorado Springs | CO | 80907 | | ✓ |
| LALLIER CONSTRUCTION INC. | 1195 S Huron St. | Denver | CO | 80223 | | ✓ |
| MODERN ROOFING | 5460 S. Quebec St. | Greenwood Village | CO | 80111 | | ✓ |
| PACE ROOFING INC. | 3013 N. El Paso Street | Colorado Springs | CO | 80933 | | ✓ |
| PPP ROOFING INC | 2648 McCormick Avenue | Pueblo | CO | 81001 | | ✓ |
| S & S ROOFING CO | 1735 West 13th | Pueblo | CO | 81003 | | ✓ |
| TURNER MORRIS, INC. | 5054 Marshall Street | Arvada | CO | 80002 | ✓ | |
| UNITED MATERIALS, LLC | 5135 York Street | Denver | CO | 80216 | ✓ | |
| WEATHERCRAFT ROOFING | 602 Charter Oak Ranch Road | Colorado Springs | CO | 80935 | ✓ | |
| WEATHERSURE SYSTEMS, INC. | 3333 S. Platte River Drive | Englewood | CO | 80110 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---------------------------------------|--|---------------|-------|----------|--|--|
| WESTERN SPECIALTY CONTRACTORS | 5055 Washington Street | Denver | CO | 80550 | No state licensing for roofing/ general contracting in CO. | ✓ |
| WHITE MOUNTAIN WEATHER PROOFING LLC | 25 Valley View Lane | Evergreen | CO | 80439 | | ✓ |
| ALLIED RESTORATION CORPORATION | 162 Governor St | East Hartford | CT | 06108 | Unavailable | ✓ |
| BARRETT, INC. | 106 Mill Plain Road | Danbury | CT | 06811 | MCO.0900667 | ✓ |
| BEAULIEU COMPANY LLC | 132 1/2 Pine Street | Manchester | CT | 06045 | MCO.0903284 | ✓ |
| BRANFORD ROOFING COMPANY | 12 Plains Road Mailing address:255 School House Rd, Old Saybrook, CT 06475 | Essex | CT | 06426 | Unavailable | ✓ |
| CCM CONSTRUCTION SERVICES INC. | 54 Main Street | Danbury | CT | 06810 | Unavailable | ✓ |
| COLONY ROOFING INDUSTRIES INC. | 916 Noank-Ledyard Road | Mystic | CT | 06355 | HIC.0582636 | ✓ |
| COMMERCIAL ROOFING & CONTRACTING, INC | 340 Kennedy Drive | Putnam | CT | 06260 | 900303 | ✓ |
| DHI BUILDING & RESTORATION, LLC | 8 Tedwin Farms Road | Rocky Hill | CT | 06067 | HIC.0650061 | ✓ |
| DOMACK RESTORATION. LLC | 185 Charles Street | Stratford | CT | 06615 | MCO.0902942 | ✓ |
| EAGLE RIVET ROOF SERVICE | 15 Britton Drive | Bloomfield | CT | 06002 | 902201 | ✓ |
| ENFIELD ENTERPRISES, INC. | PO Box 552 | Enfield | CT | 06082 | 901078 | ✓ |
| ERNEST PETERSON INC. | 1830 Broad St. | Hartford | CT | 06114 | 900702 | ✓ |
| F. J. DAHILL CO., INC. | 176 Forbes Avenue | New Haven | CT | 06535 | 900142 | ✓ |
| FRANK CAPASSO & SONS * | 1003 Middletown Ave | Northford | CT | 06473 | 902179 | ✓ |
| JHS RESTORATION | 170 Strong Raod | South Windsor | CT | 06074 | MCO.0903698 | ✓ |
| KLAUS LARSEN LLC. | 29 Northridge Drive | North Windham | CT | 06256 | HIC.0646137 | ✓ |
| M. GOTTFRIED & SON | 89 Research Drive | Stamford | CT | 06906 | 900729 | ✓ |
| NATIONS ROOF OF NEW ENGLAND LLC | 1400 Honeyspot Road Extension | Stratford | CT | 06615 | MCO.0903377 | ✓ |
| NEW BRITAIN ROOFING CO., INC. | 135 Day St. | Newington | CT | 06111 | 900378 | ✓ |
| NEW ENGLAND DRY CONCRETE LLC | 126 W. King Street | Danbury | CT | 06811 | Unavailable | ✓ |
| NEW ENGLAND MASONRY CO. | 146 Sheridan Dr | Naugatuck | CT | 06770 | 900197 | ✓ |
| PAWCATUCK ROOFING COMPANY, INC. | 20 South Anguilia Road | Pawcatuck | CT | 06379 | 539157 | ✓ |
| R & S CONSTRUCTION SERVICES, INC. | 2072 Straits Turnpike | Middlebury | CT | 06762 | MCO.0901161 | ✓ |
| RITE-WAY INDUSTRIES LLC | 148 Rye Street | Broad Brook | CT | 06016 | HIC.0615650 | ✓ |
| RIVCO CONSTRUCTION LLC | 10 Donna Dr | Burlington | CT | 06013 | Unavailable | ✓ |
| S.W. DEBS, LLC | 503 Fabyan Rood | Fabyan | CT | 06255 | Unavailable | ✓ |
| SCHOLAR PAINTING & RESTORATION, LLC | 2 Klarides Village Drive #45 | Seymour | CT | 06483 | Unavailable | ✓ |



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|---|----------------------------|------------------|-------|----------|-------------------|--|
| SILKTOWN ROOFING INC. | 27 Pleasant Street | Manchester | CT | 06040 | 900776 | ✓ |
| STANLEY WIESEN, INC. | 290 Prospect Avenue | Hartford | CT | 06106 | MCO.0902648 | ✓ |
| STATEWIDE RENOVATIONS, LLC | 1615 Main Streets | Newington | CT | 06111 | 621756 | ✓ |
| SUPERIOR PAINTING LLC | 66 Borghesi Court | Wolcott | CT | 06716 | HIC.0624098 | ✓ |
| TECH PAINTING COMPANY INC / BELLI MAINTENANCE LLC | 88 South 2nd Avenue | Taftville | CT | 06380 | HIC.0606355 | ✓ |
| THE IMPERIAL COMPANY RESTORATION | 261 Main Street | Cromwell | CT | 06416 | 901630 | ✓ |
| UNITED ROOFING & SHEET METAL, INC. | 500 Federal Road | Brookfield | CT | 06804 | MCO.0903425 | ✓ |
| YOUNG DEVELOPERS, LLC. | 42 Crestway, Unit A, | Hamden | CT | 06514 | MCO.0903558 | ✓ |
| A-1 PROPERTY SERVICES GROUP, INC. | 890 SW 69 Ave | Miami | FL | 33144 | CCC1328326 | ✓ |
| ACADEMY ROOFING & SHEET METAL CO. | 1501 NW 12th Ave | Pompano Beach | FL | 33069 | CCC1326972 | ✓ |
| ADVANCED ROOFING & SHEET METAL CO. | 23020 Bruner Lane | Ft. Myers | FL | 33912 | CCC1325943 | ✓ |
| ADVANCED ROOFING, INC. | 1950 Northwest 22Nd Street | Fort Lauderdale | FL | 33311 | CCC024413 | ✓ |
| AL PINAMONTI ROOFING INC. | 1299 Starkey Rd | Largo | FL | 33771 | CCC044034 | ✓ |
| ALL AREA ROOFING & WATERPROOFING, INC | 1820 N 57Th St | Tampa | FL | 33619 | CCC1326177 | ✓ |
| ALL SURFACE ROOF COATINGS, INC. | 809 Faith Avenue | Osprey | FL | 34229 | CCC1331211 | ✓ |
| ALVIS CONSTRUCTION GROUP INCORPORATED | 817 Honore Avenue | Sarasota | FL | 34232 | CCC1328929 | ✓ |
| ANDERSON & SHAH ROOFING INC. OF FL | 6456 123rd Avenue | Largo | FL | 33773 | CCC033694 | ✓ |
| ANGLER ROOFING & SHEET MTL. | 676 HWY 1792 | De Bary | FL | 32713 | CCC051560 | ✓ |
| ATLAS APEX ROOFING LLC | 218 NE 32nd Street | Fort Lauderdale | FL | 33334 | CGC040162 | ✓ |
| AVENTURA ENGINEERING & CONSTRUCTION | 1611 NW 79th Ave | Miami | FL | 33280 | QB0006052 | ✓ |
| AWS ROOFING SERVICES, INC. | 875 W. Park Avenue | Edgewater | FL | 32132 | CCC053878 | ✓ |
| BARBER & ASSOCIATES, INC. | 1514 Bernita Street | Jacksonville | FL | 32211 | CCC057141 | ✓ |
| BBG CONTRACTING GROUP, INC. | 10562 New Kings Road | Jacksonville | FL | 32219 | CCC044047 | ✓ |
| BEL-MAC ROOFING, INC. | 122-3 Bishop Tolbert Rd | Santa Rosa Beach | FL | 32459 | CCC057617 | ✓ |
| BONDED ROOFING SERVICES INC. | 2303 W. McNab Road, STE #4 | Pompano Beach | FL | 33069 | CCC1326476 | ✓ |
| CERTIFIED CONTRACTING GROUP, INC. | 3440 NW 25th Avenue | Pompano Beach | FL | 33069 | Unavailable | ✓ |
| CERTIFIED ROOFING SOLUTIONS, LLC | 1720 Tennesse Ave | Lynn Haven | FL | 32444 | CCC1326502 | ✓ |
| CETERIS INC. | 2902 Madison Street | Marianne | FL | 32446 | CCC1332618 | ✓ |
| CHARLES A. ROY ROOFING | 2920 63rd Avenue East | Bradenton | FL | 34203 | CCC053268 | ✓ |



10. Submittal and Substantiating Documentation

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|--|------------------------------|-----------------|-------|----------|-------------------|--|
| CHEESBRO ROOFING, INC. | 1024 South Nova Road | Ormond Beach | FL | 32174 | CCC013492 | ✓ |
| CHILDERS ROOFING AND SHEET METAL, INC. | 141 Watts Street | Jacksonville | FL | 32204 | CCC044923 | ✓ |
| COMMERCIAL MAINTENANCE MANAGEMENT DBA: CMM | 221 Blue Juniper Blvd. | Venice | FL | 34292 | QB24697 | ✓ |
| COMPLETE BUILDING MAINTENANCE CO. | 2040 NW 40th Court, #3 | Pompano Beach | FL | 33064 | CCC1327973 | ✓ |
| CPR CONTRACTING, LLC. | 11468 New Berlin Road | Jacksonville | FL | 32226 | CGC1518320 | ✓ |
| CROWN ROOFING, LLC. | 240 Field End Street | Sarasota | FL | 34240 | CCC1332557 | ✓ |
| EDWARDS ROOFING | 18 W. Stumpfield Road | Pensacola | FL | 32503 | CCC017547 | ✓ |
| EMPIRE ROOFING COMPANY SOUTHEAST LLC | 4615 NW 103rd Ave | Sunrise | FL | 33351 | CCC1326966 | ✓ |
| EXCELL CAULKING & WATERPROOFING, INC | 2011 Harding Street | Hollywood | FL | 33020 | CBC1257380 | ✓ |
| FIDUS ROOFING & CONSTRUCTION LLC | 301 Kingsley Lake Drive #501 | St Augustine | FL | 32092 | CBC1258848 | ✓ |
| FLORIDA SHEET METAL, INC. | No Address on Record | Lakeland | FL | 33802 | RC0026947 | ✓ |
| FREEMAN ROOFING AND CONSTRUCTION | 4201 Auckland Road | Pace | FL | 32571 | RC0058058 | ✓ |
| GENERAL WORKS OF TAMPA, LLC | 6809 N. Nebraska Avenue | Tampa | FL | 33604 | CCC057634 | ✓ |
| GRI OF WEST FLORIDA, INC. | 5423 N. 59th Street | Tampa | FL | 33610 | Unavailable | ✓ |
| GULFSTATES INDUSTRIES, INC. | 2919 Grand Blvd | Holiday | FL | 34690 | CCC023544 | ✓ |
| GULFSTREAM CONSTRUCTION SERVICES, LLC DBA DRYSHELL ROOFING & WATERPROOFING | 830 S Deerfield Ave, Unit 11 | Deerfield Beach | FL | 33441 | FRO4415 | ✓ |
| HEABERLIN BUILDERS | 13003 60th Street North | Clearwater | FL | 34620 | Unavailable | ✓ |
| HENDERSON CONTRACTING SERVICES, LLC. | 508 Driftwood Circle | Destin | FL | 32541 | CGC1504684 | ✓ |
| HI-TECH ROOFING & SHEET METAL, INC. | 2266 4th Avenue - North | Lake Worth | FL | 33461 | Unavailable | ✓ |
| INTERSTATE ROOFING | 116 Hughline Drive, Unit B | Longwood | FL | 32750 | CCC039841 | ✓ |
| J & E CONSTRUCTION DBA: OF GUIN DEVELOPMENT, INC. | 8200 NW 2nd Ave - Unit 9 | Miami | FL | 33138 | Unavailable | ✓ |
| JACK KEYWORTH CONTRACTING, INC. | 1015 East Avenue North | Sarasota | FL | 34237 | Unavailable | ✓ |
| JEDI ACEVEDO CONSTRUCTION | 143 S. Ocean Shore Drive | Key Largo | FL | 33037 | QB0019826 | ✓ |
| KESOKI PAINTING LLC | 15191 SW 116 Terrace | Miami | FL | 33196 | Unavailable | ✓ |
| KLASSIC ROOFING, INC. | 1109 14th Street West | Bradenton | FL | 34205 | CCC1325774 | ✓ |
| LATITE ROOFING AND SHEET METAL LLC | 2280 West Copans Road | Pompano Beach | FL | 33069 | PVD307 | ✓ |
| LAUMAR ROOFING SERVICES INC. | 800 SW 21st Terrace | Fort Lauderdale | FL | 33312 | CCC058301 | ✓ |
| LEON AMERICA CONSTRUCTION LLC | 7642 Ramona Street | Miramar | FL | 33023 | CPC1459080 | ✓ |
| MANSON ROOFING INC. | PO Box 9048 | Bradenton | FL | 34206 | CCC026478 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|----------------------------------|-----------------|-------|----------|-------------------|--|
| MARION/SERVICE ROOFING & SHEET META | 1011 Sw 33Rd Ave. | Ocala | FL | 34474 | CCC054796 | ✓ |
| MCCURDY-WALDEN, INC. | 5267 Commonwealth Ave. | Jacksonville | FL | 32254 | QB0000601 | ✓ |
| MCMULLEN ROOFING CO. | 1091 Kapp Drive | Clearwater | FL | 33765 | CCC1327671 | ✓ |
| MIDSTATE CAULKING & CONSTRUCTION SERVICES, LLC | 2105 W Clay Street | Kissimmee | FL | 34741 | Unavailable | ✓ |
| MIKE HARRELL ROOFING INC. | PO BOX 20421 | Tallahassee | FL | 32316 | CCC009811 | ✓ |
| NATIONAL ROOFING SOUTH FLORIDA, INC | 528 SE 32nd STREET | Ft. Lauderdale | FL | 33316 | CCC056894 | ✓ |
| NATIONS ROOF OF FLORIDA LLC | 1313 E Landstreet Rd | Orlando | FL | 32824 | CCC1326396 | ✓ |
| NETH & SON, INC. | 11483 Rocket Boulevard | Orlando | FL | 32824 | CCC1325962 | ✓ |
| NU-TEC ROOFING CONTRACTORS, INC. | 519 Crater Lane | Tampa | FL | 33619 | CCC057866 | ✓ |
| P & A ROOFING & SHEET METAL, INC. | 4495 35th St | Orlando | FL | 32811 | CCC050475 | ✓ |
| P. GRECO & SONS INC. | 6719 22ND St North | St. Petersburg | FL | 33702 | CCC039801 | ✓ |
| PERRY ROOFING, INC. | 5470 Highway Ave | Gainesville | FL | 32609 | CCC042888 | ✓ |
| PETERSEN DEAN ROOFING SYSTEM | 1011 Fairfield Drive | West Palm Beach | FL | 33407 | Unavailable | ✓ |
| POOLE ROOFING & SHEET METAL COMPANY | PO BOX 304 | Gainesville | FL | 32602 | CCC057240 | ✓ |
| PRECISION ROOFING SOLUTIONS | 1201 E 138th Ave - PO Box 271450 | Tampa | FL | 33613 | CCC057428 | ✓ |
| PROVINCIAL SOUTH, INC. DBA PSI ROOFING | 792 NE 45th Street | Oakland Park | FL | 33334 | Unavailable | ✓ |
| QUALITY ROOFING OF FLORIDA, INC. | 6601 N. 50th Street | Tampa | FL | 33610 | CCC042846 | ✓ |
| R & R INDUSTRIES INC | 500 Carswell Avenue | Holly Hill | FL | 32117 | RC0016557 | ✓ |
| R.F. LUSA & SONS SHEETMETAL | 1724 Fairbanks Street | Lakeland | FL | 33805 | Unavailable | ✓ |
| RAMCON, L L C | 5902 Breckenridge Parkway | Tampa | FL | 33610 | CCC058230 | ✓ |
| REGISTER CONTRACTING CO., INC. | 540 N. Lane Avenue | Jacksonville | FL | 32254 | Unavailable | ✓ |
| REGISTER ROOFING & SHEET METAL, INC.CONTRACTING COMPANY, INC. | 4640 Sub Chaser Court Unit 113 | Jacksonville | FL | 32244 | CCC1331028 | ✓ |
| REPUBLIC ROOFING | PO Box 622 | Brandon | FL | 33509 | CCC057735 | ✓ |
| ROOF SERVICES INC. DBA BEST ROOFING | 209 N.W. 12th Avenue | Pompano Beach | FL | 33069 | Unavailable | ✓ |
| ROOF SYSTEM SERVICES, INC. | 1621 Blount Road | Pompano Beach | FL | 33069 | CCC057117 | ✓ |
| ROOFING BY RUFF, INC. | 937 Fleming Street | Key West | FL | 33040 | CCC1327463 | ✓ |
| S & J ROOFING CONTRACTORS, INC. | 173 W. 22nd Street | Hialeah | FL | 33010 | CCC042815 | ✓ |
| S+S PAINTING & WATERPROOFING LLC | 2801 N Powerline Road | Pompano Beach | FL | 33069 | Unavailable | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|-------------------------------|------------------|-------|----------|-------------------|--|
| SALOMON ROOFING & CONSTRUCTION | 689 West 26 Street | Hialeah | FL | 33010 | Unavailable | ✓ |
| SERVICE WORKS COMMERCIAL ROOFING IN | 5423 N 59Th St | Tampa | FL | 33610 | CCC1329134 | ✓ |
| SOUTHEAST CONTRACTOR OF NORTH FLORI | 401-A Mountain Drive | Destin | FL | 32541 | CCC039865 | ✓ |
| SOUTHERN ROOFING CO. INC. | 1727 W Cypress St | Tampa | FL | 33606 | CGC1511030 | ✓ |
| SOUTHLAND ROWE ROOFING, INC. | 1843 Commerce Way | Midway | FL | 32343 | CCCA14884 | ✓ |
| SPRINGER-PETERSON ROOFING & SHT | PO Box 2501 | Eaton Park | FL | 33840 | RC0021341 | ✓ |
| STEPHENS ROOFING & SHEET METAL CO. | 3139 Walnut Street | Jacksonville | FL | 32206 | CCC014596 | ✓ |
| SUTTER ROOFING COMPANY OF FLORIDA | 8284 Vico Court | Sarasota | FL | 34240 | CCC1326102 | ✓ |
| TARHEEL ROOFING, INC. | 2600 22ND Street North | St. Petersburg | FL | 33713 | CCC023542 | ✓ |
| TECTA AMERICA SOUTH FLORIDA INC./MURTON ROOFING | 7860 N.W. 67th St | Miami | FL | 33166 | Unavailable | ✓ |
| TECTA AMERICA SOUTHEAST LLC | 588 Monroe Road | Sanford | FL | 32771 | Unavailable | ✓ |
| THE ROOFING CONNECTION, INC. | 3882 Center Loop | Orlando | FL | 32808 | CCC1325657 | ✓ |
| TOM TANENBAUM, INC. | 218 E. Copeland Drive | Orlando | FL | 32806 | CCC041328 | ✓ |
| TOM WHITE PAINTING & RESTORATION | 3520 66Th Ave N | Pinellas Park | FL | 33781 | FRO5348 | ✓ |
| TOTAL ROOF SERVICES CORPORATION | 1820 N. Rio Grande Ave | Orlando | FL | 32804 | Unavailable | ✓ |
| TRIDENT CONSTRUCTION, INC. | 5597 US Hwy 98 W - Ste #201-B | Santa Rosa Beach | FL | 32459 | CCC1329455 | ✓ |
| TRIPLE M ROOFING CORP | 914 N.W. 19 Avenue | Fort Lauderdale | FL | 33311 | FRO3165 | ✓ |
| TRUSTED CONSTRUCTION INC. | 3677 23rd Avenue South, C-101 | Lake Worth | FL | 33461 | CCC1331070 | ✓ |
| TURLEY CONSTRUCTION DBA TURLEY ROOFING | 1931 SW 7th Avenue | Pcala | FL | 34471 | CGC1515842 | ✓ |
| UNLIMITED ROOFING SERVICES | 1830 N W 21 Terr | Miami | FL | 33142 | CCC036954 | ✓ |
| WATERPROOFING SPECIALISTS, INC. | 3142 Lenox Ave | Jacksonville | FL | 32254 | CCC024446 | ✓ |
| WEATHER GUARD INDUSTRIES / SMJ METALS LLC | 5051 NW 13 Ave, Suite H | Pompano Beach | FL | 33064 | CCC1329649 | ✓ |
| WEATHERSEAL, INC. | 3082 Enterprise Road | Ft. Pierce | FL | 34982 | CCC035624 | ✓ |
| WEATHER-TECH ROOFING AND WATERPROOFING, LLC | 2280 NW 16TH ST. | Pompano Beach | FL | 30069 | CCC1330222 | ✓ |
| AMERICAN ROOF TEC SYSTEMS, INC. | 215 Pruitt Drive | Alpharetta | GA | 30004 | K319006 | ✓ |
| BEN HILL ROOFING AND SIDING COMPANY INC | 6811 W. Bankhead Highway | Douglasville | GA | 30134 | H001361 | ✓ |
| BIG TOP CONSTRUCTION | 1085 Ashford Chase Ct | Macon | GA | 31221 | 13472388 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|----------------------------|------------------|-------|----------|-------------------|--|
| C.L. BURKS CONSTRUCTION COMMERCIAL ROOFING CONTRACTORS, LLC | 1640 Redi Road | Cumming | GA | 30040 | 10055086 | ✓ |
| COLOR APPLICATIONS INCORPORATED | 9898 Highway 92, Suite 240 | Woodstock | GA | 30188 | K003626 | ✓ |
| DYER ROOFING & SHEET METAL CO., INC | 1200 Marler Street | Gainesville | GA | 30501 | K425247 | ✓ |
| HALL CONTRACTORS, LLC. | 7138 Hwy 319 N. | Omega | GA | 31775 | 15042608 | ✓ |
| IDEAL BUILDING SOLUTIONS LLC | 6753 Jones Mill Court | Norcross | GA | 30092 | 10014062 | ✓ |
| J J MORLEY ENTERPRISES | 7560 Inndustrial Ct | Alpharetta | GA | 30201 | K004706 | ✓ |
| JOHNS ROOFING & SHEET METAL CO. | 100 North Pond Street | Toccoa | GA | 30577 | H206788 | ✓ |
| MCKNIGHT ROOFING, INC. | 90 Flint River Road | Riverdale | GA | 30274 | K609694 | ✓ |
| MGC ROOFING & CONSTRUCTION, INC. | 7538 Houston Road | Byron | GA | 31009 | 0262179 | ✓ |
| MJR SOLUTIONS, LLC. | 724 Warm Springs HWY | Manchester | GA | 31816 | 14012936 | ✓ |
| NATIONAL BUILDING CONTRACTORS | 2151 Old Covington Hwy Sw | Conyers | GA | 30012 | J704597 | ✓ |
| PREMIUM ROOFING SERVICE, INC. | PO BOX 345 | Avondale Estates | GA | 30002 | J413143 | ✓ |
| PRIDE ROOFING | 2489 Lithonia | Lithonia | GA | 30058 | J726477 | ✓ |
| PROFESSIONAL ROOFING INCORPORATED | 429 Longwood Drive | Richmond Hill | GA | 31324 | Unavailable | ✓ |
| ROOF MANAGEMENT | 2217 Irrvindale Suite C | Atlanta | GA | 30341 | Unavailable | ✓ |
| ROOF PARTNERS, LLC. | 4497 S. Old Peachtree Road | Berkeley Lake | GA | 30071 | 12094470 | ✓ |
| ROOF USA SERVICE & PRODUCTION CTRS. | 485 BUuford Drive, #209 | Lawrenceville | GA | 30045 | Unavailable | ✓ |
| S. EDWARDS LLC DBA SAFESHIELD ROOFING | 2019 Greyfield Drive NW | Kennesaw | GA | 30152 | Unavailable | ✓ |
| SOUTHEAST BUILDING MAINTENANCE | 150 C S Floyd Road | Loganville | GA | 30052 | 7020497 | ✓ |
| SOUTHEAST ROOFING SOLUTIONS, INC. | 800 Highway 80 West | Statesboro | GA | 30459 | A700594 | ✓ |
| SOUTHERN RESERVE ROOFING CO. | 2360 Mellon Court | Decatur | GA | 30035 | Unavailable | ✓ |
| SOUTHERN RFG & INSULATING | 811 5th Street | Augusta | GA | 30903 | Unavailable | ✓ |
| SUMMERS ROOFING CO., INC. | PO Box 81186 | Atlanta | GA | 30366 | H605073 | ✓ |
| SUPERIOR COMMERCIAL ROOFING CO. | 4701 Granite Drive | Tucker | GA | 30084 | Unavailable | ✓ |
| T L GOWIN AND COMPANY INC | 90 Kelli Clark Ct Se Ste A | Cartersville | GA | 30121 | Unavailable | ✓ |
| TECTA AMERICA SOUTHEAST FKA PINKSTON-HOLLAR CONSTR. SERVICES, INC. DBA CONSTRUCTION SERVICES A TECTA AMERICA CORP CO. | 5085 Shiloh Rd | Cumming | GA | 30040 | J708654 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|------------------------------------|-----------------------------|-------------------|-------|----------|-------------------|--|
| TENDON SYSTEMS, LLC | 7701 Chatsworth Road | Midland | GA | 31820 | 0402786 | ✓ |
| WEST GEORGIA ROOFING | PO Box 767 | Carrollton | GA | 30117 | 0425695 | ✓ |
| 316 CONSTRUCTION GROUP, LLC | 216 S 27th Street | West Des Moines | IA | 50265 | 526860 | ✓ |
| ACADEMY ROOFING CO. | 6361 NE 14th Street | Des Moines | IA | 50313 | C094185 | ✓ |
| ADVANCE BUILDERS CORP. | 707 27th Av SW | Cedar Rapids | IA | 52404 | C088877 | ✓ |
| BLACK HAWK ROOFING | 619 East 19th Street | Cedar Falls | IA | 50613 | C099214 | ✓ |
| CENTRAL STATES ROOFING | PO Box 490 | Ames | IA | 50010 | C094038 | ✓ |
| CUNNINGHAM, INC. | 808 S. Market St. | Oskaloosa | IA | 52577 | 94692-06 | ✓ |
| D R AND C, INC. | PO Box 158 | Victor | IA | 52347 | C099945 | ✓ |
| DRYSPACE DBA IOWA FALLS ROOFING | 707 66th Ave SW | Cedar Rapids | IA | 52404 | Unavailable | ✓ |
| ECONOMY ROOFING CO. | PO Box 159 | Bettendorf | IA | 52722 | C099582 | ✓ |
| GEISLER BROTHERS CO. | 340 E 12th Street | Dubuque | IA | 52001 | C096081 | ✓ |
| GIESE ROOFING CO | 2820 Elm Street | Dubuque | IA | 52001 | C000788 | ✓ |
| GORSH & SONS ROOFING | 102 Washington St. | Victor | IA | 52347 | C094147 | ✓ |
| GUARANTEE ROOFING & SIDING | 2005 East 4th Street | Sioux City | IA | 51101 | C094454 | ✓ |
| IOWA ROOFING | PO Box 922 | Des Moines | IA | 50304 | C000219 | ✓ |
| JIM GIESE COMMERCIAL ROOFING INC. | 9062 Silverwood Drive | Dubuque | IA | 52003 | C095792 | ✓ |
| MID-WEST ROOFING COMPANY | 225 18Th Street Se, | Mason City | IA | 50401 | C099047 | ✓ |
| MODERN BUILDERS, INC. | PO Box 418 | Janesville | IA | 50647 | C099310 | ✓ |
| NEWTON ROOFING SERVICES LLC | 10540 Hickman Road, Suite G | Clive | IA | 50325 | C127341 | ✓ |
| NORTHERN CEDAR SERVICES CO., INC., | PO Box 157 | Mason City | IA | 50402 | C099491 | ✓ |
| SERVICE ROOFING CO. | PO Box 818 | Waterloo | IA | 50704 | C098704 | ✓ |
| T & K ROOFING CO. INC | 101 T & K Drive | Ely | IA | 52227 | C090466 | ✓ |
| VIS ROOFING LIMITED | 605 South Center St. | Marshalltown | IA | 50158 | Unavailable | ✓ |
| WOOD ROOFING & SHEET METAL | 5225 N.E. 17th Street | Des Moines | IA | 50313 | C099467 | ✓ |
| A-1 ROOFING COMPANY | 1425 Chase Ave. | Elk Grove Village | IL | 60007 | 104000096 | ✓ |
| ADVANCED DBA WAYNE CAIN & SONS | 1207 E. University Ave | Urbana | IL | 61802 | Unavailable | ✓ |
| ADVANCED COMMERCIAL ROOFING INC | PO Box 8280 | Champaign | IL | 61826 | 104016483 | ✓ |
| ALL AMERICAN EXTERIOR SOLUTIONS | 150 Oakwood Road | Lake Zurich | IL | 60047 | Unavailable | ✓ |
| AMERICAN ROOFING & REPAIR CO. | 621 W. Washington Street | West Chicago | IL | 60185 | Unavailable | ✓ |
| ANDERSON & SHAH ROOFING, INC. | 23900 County Farm Road | Joliet | IL | 60431 | Unavailable | ✓ |
| ANTHONY ROOFING LTD. | 2555 White Oak Cir | Aurora | IL | 60502 | 104000527 | ✓ |
| ARTIGIANO INC | 442 Park Ave | Cary | IL | 60013 | 104017629 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|-------------------------------------|----------------------------|--------------|-------|----------|-------------------|--|
| ASSOCIATES ROOFING | 5214 S. Route 31 | Crystal Lake | IL | 60012 | 104015103 | ✓ |
| BENNETT & BROUSSEAU ROOFING | 535 Anderson Drive | Romeoville | IL | 60446 | 104000207 | ✓ |
| BROWN & KERR INC. | 2661 W. 139th St. | Posen | IL | 60469 | 104000122 | ✓ |
| CAD CONSTRUCTION INC. | 508 E Pearl A-1 | Tremont | IL | 61568 | 104015024 | ✓ |
| CHRISTIANSEN INC. | 820 7th Street | Rockford | IL | 61104 | 104001396 | ✓ |
| CIC CORPORATION | 441 W. Bonner Road | Wauconda | IL | 60084 | 104004654 | ✓ |
| COMMERCIAL BUILDING SOLUTIONS, LLC | 201 S. 8th Street | South Beloit | IL | 61080 | Unavailable | ✓ |
| COMPLETE BUILDING MAINTENANCE CO | 702 Western Avenue | Lombard | IL | 60148 | 104000281 | ✓ |
| CRAFTMASTERS, INC | PO Box 3157 | Decatur | IL | 62524 | 104000565 | ✓ |
| CROWTHER ROOFING & SHEET METAL | 18958 Airport Rd | Romeoville | IL | 60446 | 104013210 | ✓ |
| CUSTOM ROOFING CONTRACTING LTD | 180 Detroit St, Suite A | Cary | IL | 60013 | 104011645 | ✓ |
| D. E. MARTIN | P. O. Box 105 | Lebanon | IL | 62254 | Unavailable | ✓ |
| DCG ROOFING SOLUTIONS, INC. | 1285 Rand Rd | Des Plaines | IL | 60016 | 104015125 | ✓ |
| DESIGNED ROOFING SYSTEMS, INC. | 4850 Jeffory St | Springfield | IL | 62703 | 104006217 | ✓ |
| DOWNING ROOFING INC. | 126 Lou Rosa | Collinsville | IL | 62234 | 104017354 | ✓ |
| ELENS & MAICHIN ROOFING & SHEET MET | 1621 Manhattan Road | Joliet | IL | 60433 | 104000674 | ✓ |
| ELGIN ROOFING COMPANY, INC. | 366 Bluff City Blvd | Elgin | IL | 60120 | 104000374 | ✓ |
| F & G ROOFING | 4234 W. 12Th Place | Alsip | IL | 60803 | 104014938 | ✓ |
| F.J.A. CHRISTIANSEN ROOFING CORP | 2555 White Oak Circle | Aurora | IL | 60502 | Unavailable | ✓ |
| FREPORT INDUSTRIAL ROOFING | 3507 RT 26 South | Freeport | IL | 61032 | 104000049 | ✓ |
| GEISSLER ROOFING COMPANY INC | 612 South 3Rd South | Belleville | IL | 62220 | Unavailable | ✓ |
| GENERAL SHEET METAL | 416 S. Richland | Freeburg | IL | 62243 | 104017169 | ✓ |
| GIRE CONSTRUCTION INC | 2204 Briar Hill Drive | Champaign | IL | 61822 | 104008009 | ✓ |
| GOERLICH ROOFING, INC. | 4400 Harrison Street | Quincy | IL | 62305 | 104000443 | ✓ |
| HENSON ROBINSON COMPANY | PO Box 13137 | Springfield | IL | 62791 | 104000167 | ✓ |
| J.L. ADLER ROOFING, INC. | 779 Joyce Rd | Joliet | IL | 60436 | Unavailable | ✓ |
| JAMES MANFIELD & SONS CO. | PO Box 54 | Lyons | IL | 60534 | Unavailable | ✓ |
| JIM TAYLOR INC. | 1127 East B Street | Belleville | IL | 62220 | Unavailable | ✓ |
| JONES & CLEARY ROOFING | 6838 S South Chicago Ave | Chicago | IL | 60637 | 104000179 | ✓ |
| KIEPURA-STEWART ROOFING | 1901 East End Ave. | Chicago | IL | 60411 | 104000105 | ✓ |
| KNICKERBOCKER ROOFING & PAVING | 16851 South Lathrop Avenue | Harvey | IL | 60426 | 104003433 | ✓ |
| KREILING ROOFING CO. | 1616 SW Washington | Peoria | IL | 61602 | 104000078 | ✓ |
| L. MARSHALL, INC. | 2100 Lehigh Avenue | Glenview | IL | 60025 | Unavailable | ✓ |
| LAKESIDE ROOFING CO., INC. | 2205 Vandalia | Collinsville | IL | 62234 | 104000019 | ✓ |



10. Submittal and Substantiating Documentation

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|--|----------------------------|-------------------|-------|----------|-------------------|--|
| LAPORTE ROOFING | PO Box 228 | Gilberts | IL | 60136 | 104008655 | ✓ |
| M. CANNON ROOFING CO. LLC | 1238 Remington Road | Schaumburg | IL | 60173 | Unavailable | ✓ |
| M.W. POWELL CO | 3445 S. Lawndale | Chicago | IL | 60623 | 104011723 | ✓ |
| MALCOR ROOFING | 1850 Dean ST | St Charles | IL | 60174 | 104016915 | ✓ |
| MCDERMAID ROOFING & INSULATION | 1229 Kishwaukee St | Rockford | IL | 61104 | 104000060 | ✓ |
| METALMASTER ROOFMASTER | 4800 Metalmaster Way | Mchenry | IL | 60050 | 104007929 | ✓ |
| MEYER ROOFING CO. | 3950 N. Dickson Parkway | Springfield | IL | 62707 | 104000293 | ✓ |
| MID STATE CONSTRUCTION & ROOFING, INC. | RR2 Box 135A | Beecher City | IL | 62414 | 104015171 | ✓ |
| NATIONAL ROOFING CORPORATION | 1237 Circle Ave | Forest Park | IL | 60130 | 104003070 | ✓ |
| NORTHCROSS ROOFING & WATERPROOFING INC | 1808 Beach St. | Broadview | IL | 60155 | 104009499 | ✓ |
| OLSSON ROOFING CO. INC. | 740 South Lake Street | Aurora | IL | 60507 | 104000173 | ✓ |
| ONEILL CONTRACTORS, INC. | 10163 Potter Road | Des Plaines | IL | 60016 | 104016612 | ✓ |
| PEORIA ROOFING & SHEET METAL | 309 N E Rock Island Avenue | Peoria | IL | 61603 | 104000011 | ✓ |
| PINE ROOFING COMPANY, INC. | 5428 N Kedzie Avenue | Chicago | IL | 60625 | 104000224 | ✓ |
| PRESERVATION SERVICES, INC. | 221 E Rochar Drive | Romeoville | IL | 60446 | 104008002 | ✓ |
| R & R ROOFING | 4632 West Fullerton | Chicago | IL | 60639 | 104013572 | ✓ |
| R.B. CROWTHER CO. | 3805 Pine Bluff Road | Morris | IL | 60450 | Unavailable | ✓ |
| R.E. BURKE ROOFING CO., INC | 7667 Gross Point Rd | Skokie | IL | 60077 | Unavailable | ✓ |
| RAINCOAT ROOFING SYSTEMS INC | 1750 W. 16th St. | Broadview | IL | 60163 | 104000394 | ✓ |
| RIDDIFORD ROOFING CO. | 2333 Hamilton Road | Arlington Heights | IL | 60005 | Unavailable | ✓ |
| RIDGEWORTH ROOFING CO, INC. | 9720 S. Industrial Dr. | Bridgeview | IL | 60455 | 104000230 | ✓ |
| ROOFING SYSTEMS, INC. | 1825 Windor Road | Loves Park | IL | 61111 | 104000768 | ✓ |
| SHAY ROOFING, INC. | PO Box 426 | Belleville | IL | 62222 | 104007997 | ✓ |
| SOLARIS ROOFING SOLUTIONS, INC. | 31 W. 23rd N. Ave. | West Chicago | IL | 60185 | 104013188 | ✓ |
| STERLING COMMERCIAL ROOFING | PO Box 502 | Sterling | IL | 61081 | 104015267 | ✓ |
| TECTA AMERICAN ILLINOIS ROOFING, LL | 189 Poplar Place, Unit 1 | North Aurora | IL | 60542 | Unavailable | ✓ |
| TOP QUALITY ROOFING | Research Street Address | Mount Zion | IL | 62549 | 104012273 | ✓ |
| TRINITY ROOFING SERVICES | 2315 W. 136th Street | Blue Island | IL | 60406 | 104004424 | ✓ |
| VALCORP OF ILLINOIS INC. | 4746 W. Rice | Chicago | IL | 60651 | 104013333 | ✓ |
| WAUKEGAN ROOFING | 1320 Gladstone Ave | Waukegan | IL | 60085 | 104000761 | ✓ |
| WEATHERGUARD ROOFING CO | 345 Renner Drive | Elgin | IL | 60123 | 104012387 | ✓ |
| WENDELL ROOFING CO. | 2942 S. Cicero | Cicero | IL | 60804 | 104000753 | ✓ |
| WHEELER ROOFING SERVICES | 130 W Liberty Drive #217 | Wheaton | IL | 60187 | 104009782 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|----------------------------------|--------------|-------|----------|--|--|
| WIESBROOK SHEET METAL INC. | 25502 Ruff Street | Palinfield | IL | 60585 | 478003263 | ✓ |
| WYMAN ROOFING & SHEET METAL | 1325 E. Monetta | Peoria | IL | 61616 | 104014282 | ✓ |
| AAA ROOFING COMPANY | 910 North Highland Ave. | Indianapolis | IN | 46202 | No state licensing for roofing/ general contracting in IN. | ✓ |
| ADVANCED CPR, INC (ADVANCED COATINGS PAINTING & RESTORATION, INC. | 59019 Peppermint Drive | Elkhart | IN | 46517 | | ✓ |
| APEX MASONRY INC. | 6515 E. State Rd 42 | Terre Haute | IN | 47803 | | ✓ |
| ASSOCIATED ROOFING PROFESSIONALS, INC | 8131 Budd Road | Terre Haute | IN | 47805 | | ✓ |
| B & S ROOFING, INC. | PO Box 35 | Richland | IN | 47634 | | ✓ |
| BAMBI'S ROOFING INC. | 409 E Main | Atwood | IN | 46502 | | ✓ |
| BLACKMORE AND BUCKNER ROOFING, INC. -A TECTA AMERICA COMPANY | 9750 E 150th Street - Suite 1700 | Noblesville | IN | 46060 | | ✓ |
| C M S ROOFING, INC | 3920 Butler Road | Fort Wayne | IN | 46808 | | ✓ |
| CONSTRUCT SOLUTIONS, INC | 9378 Castlegate Drive | Indianapolis | IN | 46256 | | ✓ |
| CORNERSTONE COMMERCIAL SERVICES, LLC | 56243 Chapel Lane | South Bend | IN | 46619 | | ✓ |
| CT PHOENIX OF INDIANA | PO Box 681 | Mount Vernon | IN | 47620 | | ✓ |
| CULVER ROOFING, INC. | 4050 West 4th Street | Gary | IN | 46406 | | ✓ |
| DAHM BROTHERS, INC | 2009 Lakeview Drive | Fort Wayne | IN | 46808 | | ✓ |
| DILK ROOFING, INC | 2707 E. Stop 11 Road | Indianapolis | IN | 46227 | | ✓ |
| DUDECK ROOFING & SHEET METAL, INC. | 1634 Franklin St | South Bend | IN | 46613 | | ✓ |
| E.C. BABILLA, INC. | 3974 Harrison St | Gary | IN | 46408 | | ✓ |
| ENERGY EFFICIENT ROOFING LLC | 5300 Sage Road | Plymouth | IN | 46563 | | ✓ |
| FOURTH QUARTER ROOFING, INC. | 1222 S. Irvington | Indianapolis | IN | 46203 | | ✓ |
| FUGIETT CONSTRUCTION SYSTEM | 1001 West High Street | Redkey | IN | 47373 | | ✓ |
| GLUTH BROTHERS ROOFING CO., INC. | 6701 Osborn Avenue | Hammond | IN | 46323 | | ✓ |
| GUARANTEED ROOFING INC. | 6997 N. 875 W. | Indianapolis | IN | 46259 | ✓ | |
| HENRY C. SMITHER ROOFING CO., INC. | 6850 E 32nd Street | Indianapolis | IN | 46229 | ✓ | |
| HINSHAW ROOFING & SHEET METAL CO. | 2452 South State Road 39 | Frankfort | IN | 46041 | ✓ | |
| HRC ROOFING AND SHEET METAL COMPANY, INC. | 2845 Roadway Drive | Columbus | IN | 47201 | ✓ | |
| INDUSTRIAL CONTRACTORS SKANSKA | 401 Nw First St | Evansville | IN | 47708 | ✓ | |
| JMH ROOFING COMPANY | 1215 E 9th Street | Indianapolis | IN | 46202 | ✓ | |
| KORELLIS ROOFING, INC. | 1333 169th Street | Hammond | IN | 46324 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|-------------------------|--------------|-------|----------|---|--|
| KRC ROOFING & SHEET METAL, INC | 3702 W Sample Street | South Bend | IN | 46619 | No state licensing for roofing/ general contracting in IN | ✓ |
| LAUGHREY BROS ROOFING | 3055 North 13th Street | Terre Haute | IN | 47804 | | ✓ |
| LAWMASTERS, INC. | 1407 W Hively Ave | Elkhart | IN | 46517 | | ✓ |
| LEHMAN ROOFING INC. | 2005 Allens Lane | Evansville | IN | 47720 | | ✓ |
| MASTER INSTALLERS INC. | 1232 Berrywood Drive | Greenwood | IN | 46157 | | ✓ |
| MASTER STEEL ROOFING INC. | 4530 Chester Drive | Elkhart | IN | 46540 | | ✓ |
| MCGUFF ROOFING INC. | PO Box 911 | Muncie | IN | 47308 | | ✓ |
| METAL BUILDING MAINTENANCE CO | PO Box 5 | Walkerton | IN | 46574 | | ✓ |
| MIDLAND ENGINEERING CO INC. | PO Box 1019 | South Bend | IN | 46624 | | ✓ |
| MIDWEST ROOFING & SHEET METAL. | PO Box 4088 | Evansville | IN | 47724 | | ✓ |
| MORKEN ROOFING | 3303 Freeman | Fort Wayne | IN | 46802 | | ✓ |
| MORRIS & SONS ROOFING INC. | 208 East Quad Street | Bourbon | IN | 46504 | | ✓ |
| PREFERRED ROOFING INCORPORATED | 6021 Highview Drive | Fort Wayne | IN | 46818 | | ✓ |
| R. ADAMS ROOFING INC. | 4990 Massachusetts Ave | Indianapolis | IN | 46218 | | ✓ |
| SCHMIDT CONTRACTING, INC | 1111 Maurice Street | Jasper | IN | 47546 | | ✓ |
| SCHUST & COMPANY INC | 901 Hayden Street | Fort Wayne | IN | 46803 | | ✓ |
| SLATILE ROOFING & RESTORATION | 1703 S. Ironwood Drive | South Bend | IN | 46613 | | ✓ |
| SOUTH CENTRAL ROOFING INC. | PO Box 86 | Columbus | IN | 47246 | | ✓ |
| SOUTHERN ROOFING INC | 770 Jonesville Road | Columbus | IN | 47202 | | ✓ |
| U. S. INDUSTRIES GROUP INC | 1701 First Ave | Evansville | IN | 47704 | | ✓ |
| AMERICAN ROOFING, INC. | 2500 S. 2nd Street | Leavenworth | KS | 66048 | 13-114997 | ✓ |
| ARR ROOFING LLC DBA BOONE BROTHERS ROOFING | 1060 W. Santa Fe Street | Olathe | KS | 66061 | 13-343994 | ✓ |
| BUCKLEY ROOFING COMPANY, INC. | 3601 N Hydraulic St | Wichita | KS | 67219 | 13-115030 | ✓ |
| CHARLES E MAHANEY ROOFING CO INC | 2822 N Mead | Wichita | KS | 67249 | 13-114937 | ✓ |
| DANKER ROOFING | 8521 E Us Highway 24 | Manhattan | KS | 66502 | 13-502864 | ✓ |
| DANKER ROOFING AND SIDING INC.-SAP SHOW THYSSENKRUPP STEEL COMPANY | 8521 E. Highway 24 | Manhattan | KS | 66502 | 13-502864 | ✓ |
| DELTA INNOVATIVE SERVICES, INC. | 4141 Fairbanks Ave | Kansas City | KS | 66106 | 13-114993 | ✓ |
| GEISLER ROOFING, INC. | 908 E. 6th Street | Concordia | KS | 66901 | 14-005650 | ✓ |
| HAMILTON ROOFING | PO Box 96 | Hutchinson | KS | 67504 | 13-114868 | ✓ |
| HIGH PLAINS ROOFING, INC. | PO Box 1347 | Hays | KS | 67601 | 13-115391 | ✓ |
| KAW ROOFING & SHEET METAL, INC. | 2105 North 13th Street | Kansas City | KS | 66104 | 13-117114 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|--------------------------------|----------------|-------|----------|--|--|
| MERIDIAN ROOFING SOLUTIONS, LLC | 1275 SW Topeka Blvd. | Topeka | KS | 66612 | 13-8927808 | ✓ |
| PREMIER CONTRACTING, INC. | 3940 S. Ferree | Kansas City | KS | 66103 | 13-116242 | ✓ |
| ROOF MECHANICS INC. | PO Box 4043 | Wichita | KS | 67204 | 13-114885 | ✓ |
| ROOFMASTERS ROOFING & SHEET METAL C | 2150 A East 8th | Hays | KS | 67601 | 13-114759 | ✓ |
| ROOFWORKS, LLC | PO Box 19529 | Topeka | KS | 66619 | 13- 2989341 | ✓ |
| VINCENT ROOFING, INC. | 340 SE. 15th St. | Topeka | KS | 66602 | 13-0233395 | ✓ |
| WRAY ROOFING | PO Box 420 | Newton | KS | 67117 | 13-115183 | ✓ |
| ABR CONSTRUCTION INC. FKA: A-B ROOFING | 555 Weset Fourth Street | Lexington | KY | 40508 | No state licensing for roofing/ general contracting in KY. | ✓ |
| AMERICAN FACADE RESTORATION, LLC | 2395 Alexandria Pike | Southgate | KY | 41071 | | ✓ |
| AMERICAN ROOFING & METAL CO., INC. | 4610 Roofing Rd | Louisville | KY | 40218 | | ✓ |
| BROWN & KERR, INC. | 325 Lakeview Drive | Shepherdsville | KY | 40165 | | ✓ |
| BURNETT SONS ROOFING INC | 656 Bizzell Drive | Lexington | KY | 40510 | | ✓ |
| CONCORD ROOFING LLC | 310 Floyds Fork Drive | Shepherdsville | KY | 40165 | | ✓ |
| D & B ROOFING CORP. | 1819 W. Main Street | Louisville | KY | 40203 | | ✓ |
| FLANNERY PAINTING INC | 1215 Chesapeake Street | Covington | KY | 41011 | | ✓ |
| GEOGHEGAN ROOFING CO. | 1405 Garland Avenue | Louisville | KY | 40210 | | ✓ |
| HAMILTON ROOFING & SHEET METAL COMPANY | 501 Darby Creek Road, Suite 30 | Lexington | KY | 40509 | | ✓ |
| HIGHLAND ROOFING CO., INC. | 4007 Produce Rd | Louisville | KY | 40218 | | ✓ |
| IMBUS ROOFING COMPANY, INC. | 5 Charlin Drive | Wilder | KY | 41076 | | ✓ |
| ISAACS SPECIALTY ROOF SYSTEMS | 217 NORTH BROADWAY | Berea | KY | 40403 | | ✓ |
| JOSEPH S BOWLING CO INC. | 1421 West Breckinridge | Louisville | KY | 40210 | | ✓ |
| KALKREUTH ROOFING & SHEET METAL | 2131 Capstone Drive | Lexington | KY | 40511 | | ✓ |
| KENTEX ROOFING & SPECIALTY COATINGS LLC | 251 Keown Lane | Hartford | KY | 42347 | | ✓ |
| KIDWELL ROOF CONSTRUCTION, INC. | 1316 Cahill Drive | Lexington | KY | 40504 | | ✓ |
| MELSON ROOFING | 5026 South Highway 55 | Columbia | KY | 42728 | | ✓ |
| METROPOLITAN RFG. & WATERPROOFING | 3909 Bardstown Road | Louisville | KY | 40218 | | ✓ |
| MINTER ROOFING | 1922 Church Grove Road | Benton | KY | 42025 | | ✓ |
| PEARCE PHELPS ROOFING CO. | 309 Blue Sky Parkway | Lexington | KY | 40509 | ✓ | |
| PEARCE-BLACKBURN ROOFING, LLC | 309 Blue Sky Parkway | Lexington | KY | 40509 | ✓ | |
| PREFERRED CONSTRUCTION SERVICES | PO BOX 283 | Henderson | KY | 42419 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|--------------------------------|---------------|-------|----------|--|--|
| R S S COMPANY (ROOFING SERVICES & SOLUTIONS) FKA: YOUNG SALES CORP | PO Box 1778 | Louisville | KY | 40203 | No state licensing for roofing/ general contracting in KY. | ✓ |
| RAY NOLAN ROOFING COMPANY, INC. | 4606 Illinois Avenue | Louisville | KY | 40213 | | ✓ |
| RCI, INC. | 812 Lyndon Lane | Louisville | KY | 40222 | | ✓ |
| ROOFS, INC. | 4475 Rockwell Road | Winchester | KY | 40391 | | ✓ |
| SOUTHERN ROOFING CO., INC. | 400 Nip Drive | Paducah | KY | 42003 | | ✓ |
| STATELINE ROOFING & METAL CO. | 1449 South Walnut | Upton | KY | 42784 | | ✓ |
| SWIFT ROOFING OF ELIZABETHTOWN, INC | 108 South Park Circle | Elizabethtown | KY | 42701 | | ✓ |
| SWIFT ROOFING, INC. | 404 Industrial Road | Murray | KY | 42071 | | ✓ |
| TECTA AMERICA ZERO COMPANY | 4045 McCollum Court | Louisville | KY | 40218 | | ✓ |
| THE BRI-DEN COMPANY, INC. | 459-29th St., Ashland KY 41101 | Ashland | KY | 41101 | | ✓ |
| THE PAINTING CONTRACTOR LLC | 7 Bnklick Street | Florence | KY | 41042 | | ✓ |
| THOROUGHbred CONTRACTORS, LLC | 41 Pearce Industrial Road | Shelbyville | KY | 40065 | | ✓ |
| TRI-STATE ROOFING & SHEET METAL COMPANY OF KENTUCKY | 1624 Old Frankfort Pike | Lexington | KY | 40504 | | ✓ |
| WBR INC., BRUCE'S TRI-STATE ROOFING | 320 E. 14Th Street | Owensboro | KY | 42303 | | ✓ |
| WHEATLEY ROOFING COMPANY, INC. | 811 W. ST. Catherine St. | Louisville | KY | 40203 | | ✓ |
| A & M ROOFING SERVICES | 123 Tweksbury Street | Andover | MA | 01810 | 152673 | ✓ |
| ADAM QUENNEVILLE ROOFING INC | 160 Old Lyman Road | South Hadley | MA | 01075 | 191093 | ✓ |
| ALPHA WEATHERPROOFING CORP. | 25 Washington Street | Somerville | MA | 02143 | 114405 | ✓ |
| APPLIED ROOFING SYSTEMS INC. | Mill Street Bld. #3 | Webster | MA | 01570 | 105499 | ✓ |
| AQUA BARRIERS | 50 Rockwood Road | Norfolk | MA | 02056 | 122844 | ✓ |
| ARCHITECTURAL ROOF MANAGEMENT INC | 17 Canal St | South Hadley | MA | 01075 | Unavailable | ✓ |
| ATLANTIC CONSTRUCTION & RESTORATION, INC | 165 Chelmsford Street | Lowell | MA | 01851 | 145053 | ✓ |
| ATLAS ROOFING & WATERPROOFING CO. | 61 Holman Street | Attleboro | MA | 02703 | 139758 | ✓ |
| BOSTON EXTERIOR CONTRACTING | 29 Country Club Drive | Arlington | MA | 02476 | 180358 | ✓ |
| BUILT-UP ROOFING LLC | 1631 Hyde Park Avenue | Hyde Park | MA | 02136 | Unavailable | ✓ |
| CABE CONTRACTING, INC. | 75 Winfield Road | Holden | MA | 01520 | 179809 | ✓ |
| CAFFREY ROOFING & PAINTING COMPANY | 14 West Fountain Street | Milford | MA | 01757 | Unavailable | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|--------------------------------|---------------|-------|----------|-------------------|--|
| CAPEWAY ROOFING SYSTEMS, INC. | 664 Sanford Road | Westport | MA | 02790 | 199028 | ✓ |
| CDA ROOFING & SIDING CONTRACTORS | 1775 Main Street | Agawam | MA | 01001 | Unavailable | ✓ |
| COMMONWEALTH BUILDING SYSTEMS, LLC | 17 Rockview Way | Rockland | MA | 02370 | Unavailable | ✓ |
| COROLLA CONTRACTING, INC. | 155 Crescent Ave | Chelsea | MA | 02150 | Unavailable | ✓ |
| COYLE CONSTRUCTION INC. | 345 Baker Street | West Roxbury | MA | 02132 | 149626 | ✓ |
| D.P. CARNEY CONSTRUCTION, INC. | 34 Horseshoe Circle | Ware | MA | 01082 | 121178 | ✓ |
| DAVE GARDNER CONTRACTOR AND SUPPLY | 105 Irving Street | Framingham | MA | 01702 | 107868 | ✓ |
| DAVIS SHEET METAL & ROOFING | 51 Chancery | New Bedford | MA | 02740 | Unavailable | ✓ |
| DELTA ROOFING | 2 Sterling Road | N. Billerica | MA | 01862 | 165473 | ✓ |
| E.A. BREEN JR. ROOFING & SHEET | Metal Works Inc. | Medford | MA | 02155 | 133344 | ✓ |
| FEELEY, MCANESPIE, INC. | PO Box 280 | Chelmsford | MA | 18204 | 122704 | ✓ |
| FLAGSHIP ROOFING & SHEET METAL CO. | 159 County Road | E. Freetown | MA | 02717 | 160254 | ✓ |
| FOX PAINTING CO., INC. | 230Park Street | Arlington | MA | 02474 | 147125 | ✓ |
| G. BROUILLETTE & SON, INC. | 535 John Hancock Road | Taunton | MA | 02780 | 127504 | ✓ |
| GIBSON ROOFS, INC. | 369 Winter Street | Hanover | MA | 02339 | Unavailable | ✓ |
| GILBERT & BECKER COMPANY, INC. | 16-24 Clapp Street | Dorchester | MA | 02125 | 105388 | ✓ |
| GREENWOOD INDUSTRIES INC. | 345 Greenwood Street | Worcester | MA | 01613 | 115526 | ✓ |
| HARLOW & BARRETTA ROOFERS | 140 Haydenville Road | Whately | MA | 01093 | Unavailable | ✓ |
| J. D. RIVET & COMPANY, INC. | 1635 Page Blvd. | Springfield | MA | 01104 | 101863 | ✓ |
| JOE SQUILLANTE, INC. | 40R Canal Street | West Medford | MA | 02156 | 121708 | ✓ |
| JOHN F. SHEA COMPANY, INC. | 655 Bodwell Street | Avaon | MA | 02322 | Unavailable | ✓ |
| KPR INC. | 465 Turnpike St Ste 1100 | Canton | MA | 02021 | 186048 | ✓ |
| LGR 1, INC. | 165 Chelmsford Street | Lowell | MA | 01851 | Unavailable | ✓ |
| M.H.D. GEN. CONTRACTORS INC. | 204 Route 28 | West Yarmouth | MA | 02766 | 188042 | ✓ |
| MARSHALL ROOFING & SHEET METAL | 131.5 Lynnfield Street | Peabody | MA | 01961 | Unavailable | ✓ |
| MAX SONTZ ROOFING SERVICES, INC. | 82 Sanderson Avenue, Suite 104 | Lynn | MA | 01902 | 125815 | ✓ |
| MDM ENGINEERING INC. | 51 Sawmill Road | Dudley | MA | 01571 | Unavailable | ✓ |
| METROPOLITAN MASONRY WATERPROOFING & RESTORATION, INC. | 125 Washington Street | Foxboro | MA | 02035 | Unavailable | ✓ |
| MORRIS ROOFING & SHEET METAL CORP. | PO BOX 90178 | Springfield | MA | 01139 | 172133 | ✓ |
| MULTI-STATE ROOFING, INC. | 158 Franklin Street | Winchendon | MA | 01475 | Unavailable | ✓ |
| NEWTON ROOFING COMPANY | 69 Howard Street | Watertown | MA | 02472 | 162653 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|----------------------------|---------------|-------|----------|--|--|
| NORTH COUNTRY ROOFING, LLC. | 18 Normac Road | Woburn | MA | 01801 | Unavailable | ✓ |
| OAK ROOFING & SHEET METAL WORKS CO. | 25 Garfield Avenue | Woburn | MA | 01801 | Unavailable | ✓ |
| PINNACLE ROOFING, INC. | 238 Cherry Street | Shrewsbury | MA | 01545 | 137560 | ✓ |
| PROGRESSIVE ROOFING, INC. | 940 Eastern Avenue | Malden | MA | 02148 | 131093 | ✓ |
| R & H ROOFING, LLP | 59 South Street | Easthampton | MA | 01027 | 105948 | ✓ |
| R C S GROUP INC. | 13 Industrial Drive | Mattapoissett | MA | 02739 | Unavailable | ✓ |
| RELIABLE ROOFING & SHEET METAL, LLC. | 105 Irving Street | Framingham | MA | 01702 | 152177 | ✓ |
| THE AULSON COMPANY, INC. | 49 Danton Drive, Suite 201 | Methuen | MA | 01844 | 168953 | ✓ |
| TITAN ROOFING, INC. | 200 Tapley Street | Springfield | MA | 01104 | Unavailable | ✓ |
| VAREIKA CONSTRUCTION, INC. | 790 W. Chestnut Street | Brockton | MA | 02301 | 105914 | ✓ |
| W. S. AIKEN, INC. | 224 Crescent Ave | Chelsea | MA | 02150 | 104561 | ✓ |
| WEATHER SHIELD, INC. | 69 West Street | Milford | MA | 01757 | Unavailable | ✓ |
| ACTION CUSTOM ROOFING, INC. | 740 Taylor Avenue | Grand Haven | MI | 49417 | No state licensing for roofing/ general contracting in MI. | ✓ |
| ALLIED ROOFING & SIDING COMPANY | 745 MC Kendrick SW | Grand Rapids | MI | 49503 | | ✓ |
| ANN ARBOR ROOFING COMPANY INC. | 328 6 Mile Road | Whitmore Lake | MI | 48189 | | ✓ |
| ARROW ROOFING & SUPPLY | 3453 Eastern Ave Se | Grand Rapids | MI | 49508 | | ✓ |
| ASSOCIATED APPLICATIONS, INC. | 514 Spruce Street | Vicksburg | MI | 49097 | | ✓ |
| BLOOM ROOFING SYSTEMS, INC. | 12238 Emerson Dr | Brighton | MI | 48116 | | ✓ |
| BORNOR RESTORATION INC. | 525 Filley St | Lansing | MI | 48906 | | ✓ |
| BRANDLE ROOFING & SHEET METAL COMPANY | 3400 Centennial Drive | Midland | MI | 48642 | | ✓ |
| C & I BUILDING MAINTENANCE LLC | 1895 15 Mile Road NE | Sparta | MI | 49345 | | ✓ |
| CEI MICHIGAN LLC | 7750 East MI Road M 36 | Whitmore Lake | MI | 48189 | | ✓ |
| CUSTOM CAULKING | 1460 Comstock Street | Marne | MI | 49345 | | ✓ |
| DON SMELSER ROOFING CO. | 55 North Rose | Mt Clemens | MI | 48043 | | ✓ |
| DOYLE, INC. | 3850 East U.S 23 | Cheboygan | MI | 49721 | | ✓ |
| EAST MUSKEGON ROOFING & SHEET METAL CO INC | 1665 Holton Road | Muskegon | MI | 49445 | | ✓ |
| FISHER ROOFING | 5471 Sylvania | Dearborn Hts | MI | 48125 | | ✓ |
| HOEKSTRA ROOFING COMPANY | 1963 Olmstead Road | Kalamazoo | MI | 49048 | | ✓ |
| INNOVATION SHEET METALS | 1825 S. Wolf Lake Road | Muskegon | MI | 49442 | | ✓ |
| J & L ROOFING COMPANY | 567 11th Street NW | Grand Rapids | MI | 49504 | | ✓ |
| J K M ENTERPRISES | 2971 Bellevue Street | Detroit | MI | 48207 | | ✓ |
| J. D. CANDLER ROOFING COMPANY, INC. | 31111 Industrial | Livonia | MI | 48150 | | ✓ |
| J. STEVENS CONSTRUCTION COMPANY | 1825 S Wolf Lake Road | Muskegon | MI | 49442 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|----------------------------------|-----------------|-------|----------|--|--|
| KENT COMPANIES, INC. | 130 60th Street SW | Grand Rapids | MI | 49548 | No state licensing for roofing/ general contracting in MI. | ✓ |
| LADUKE ROOFING AND SHEET METAL | 13000 Northend | Oak Park | MI | 48237 | | ✓ |
| LUTZ ROOFING COMPANY, INC. | 4721 Twenty Two Mile Road | Shelby Township | MI | 48317 | | ✓ |
| MCDONALD ROOFING | PO Box 628 | Jackson | MI | 49201 | | ✓ |
| MICHIGAN ROOFING LLC | 14201 Schaefer | Detroit | MI | 48227 | | ✓ |
| MID MICHIGAN ROOFING | 3232 Enterprise Drive | Saginaw | MI | 48603 | | ✓ |
| MIHM ENTERPRISES | 207 North San Marco Ave | Hamilton | MI | 49419 | | ✓ |
| MILBRAND CO. | 21200 Schoenherr | Warren | MI | 48089 | | ✓ |
| MODERN ROOFING INC. | 4741 - 24th Street | Dorr | MI | 49323 | | ✓ |
| MYERS ROOFING AND RESTORATION, LLC | 30384 East Red Arrow Hwy | Paw Paw | MI | 49079 | | ✓ |
| NATIONAL ROOF & SHEET METAL | 4130 Flint Asphalt Drive | Burton | MI | 48529 | | ✓ |
| NEWTON CRANE ROOFING, INC. | 353 North Cass Avenue | Pontiac | MI | 48342 | | ✓ |
| OSTRANDER SIDING & ROOFING | 9019 West Belding Road | Belding | MI | 48809 | | ✓ |
| P T MARQUARDT P R S | 6505 A Knox | Brighton | MI | 48116 | | ✓ |
| PATRIOT GROUP CONSTRUCTION, LLC. | 1004 W Hurd Road | Monroe | MI | 48162 | | ✓ |
| PORT HURON ROOFING & SHEET METAL | 6326 Lapeer Road | North Street | MI | 48049 | | ✓ |
| QUALITY ROOFING INC | 10800 Plaza Drive | Whitmore Lake | MI | 48189 | | ✓ |
| ROOFING INNOVATIONS | 14500 S U.S. Hwy 27 | Dewitt | MI | 48820 | | ✓ |
| ROYAL ROOFING COMPANY, INC. | 2445 Brown Road | Orion | MI | 48359 | | ✓ |
| ROYAL WEST ROOFING & SHEET METAL LLC | 51 Summit Street | Brighton | MI | 48116 | | ✓ |
| SCHENA ROOFING & SHEET METAL, COMPANY, INC | 28299 Kehrig St | Chesterfield | MI | 48047 | ✓ | |
| SHAIN ROOFING & SHEET METAL, INC. | PO Box 1941-11845 Brookfield Ave | Livonia | MI | 48150 | ✓ | |
| T.F. BECK COMPANY | 2222 Devondale Road | Rochester Hills | MI | 48309 | ✓ | |
| THOMAS BROWN & SON ROOFING CO. | 700 3Rd St | Bay City | MI | 48708 | ✓ | |
| TICHENOR INC | 637 W Michigan | Battle Creek | MI | 49017 | ✓ | |
| U&S COMPANIES | 51192 Milano Drive | Macomb | MI | 48044 | ✓ | |
| WEATHER SHIELD ROOFING SYSTEMS | 1197 Hoyt Street SE | Grand Rapids | MI | 49507 | ✓ | |
| WRIGHT-BROWN ROOFING | 11710 Cloverdale | Detroit | MI | 48204 | ✓ | |
| A.W. KUETTEL AND SONS, INC. | 3930 Airpark Blvd. | Duluth | MN | 55811 | No state licensing for roofing/ general contracting in MN. | ✓ |
| ALLWEATHER ROOF CO. | 2101 E. 26th Street | Minneapolis | MN | 55404 | | ✓ |
| B & B SHEET METAL | 210 Centennial Drive | Buffalo | MN | 55313 | | ✓ |
| BERWALD ROOFING | 2440 N. Charles Street | N. St. Paul | MN | 55109 | | ✓ |
| CENTRAL ROOFING COMPANY | 4550 Main Street NE | Minneapolis | MN | 55421 | | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|------------------------------|--------------|-------|----------|--|--|
| DALCO ROOFING & SHEET METAL | 15525 32nd Ave North | Plymouth | MN | 55447 | No state licensing for roofing/ general contracting in MN. | ✓ |
| ETTEL & FRANZ COMPANY | 2222 Robbins Street | St Paul | MN | 55114 | | ✓ |
| GRANITE CITY ROOFING | PO Box 1482 | Sauk Rapids | MN | 56302 | | ✓ |
| HERZOG COATINGS | 2014 W. Alcott Avenue | Fergus Falls | MN | 56537 | | ✓ |
| JADCO INC DBA J.A. DALSIN & SON INC | 2830 S. 20th Ave. | Minneapolis | MN | 55407 | | ✓ |
| JAMAR CO | 4701 Mike Colalillo Drive | Duluth | MN | 55807 | | ✓ |
| KIKER BROTHERS INC. | 24036 534Th Ave. | Austin | MN | 55912 | | ✓ |
| LAING CONSTRUCTION INC. | 4837 115th Ave. NE | Minneapolis | MN | 55449 | | ✓ |
| MCDOWALL ROOFING | 1431 Prosper Avenue | Waite Park | MN | 56387 | | ✓ |
| MOLO ROOFING | PO Box 251 | Owatonna | MN | 55060 | | ✓ |
| RAINVILLE-CARLSON INC. | 4640 Lyndale Ave North | Minneapolis | MN | 55412 | | ✓ |
| SCHWICKERTS INC | PO Box 487 | Mankato | MN | 56001 | | ✓ |
| SOUTH CENTRAL ROOFING CO. | PO Box 714 | Albert Lea | MN | 56007 | | ✓ |
| THELEN HEATING & ROOFING INC. | 1717 13th Street S.E. | Brainerd | MN | 56401 | | ✓ |
| WINONA HEATING | PO Box 77 | Winona | MN | 55987 | ✓ | |
| BADE ROOFING CO., INC. | 3806 Lemary Ferry Road | St. Louis | MO | 63125 | No state licensing for roofing/ general contracting in MO. | ✓ |
| BARTCH ROOFING CO. | 13575 NW Industrial Drive | Bridgeton | MO | 63044 | | ✓ |
| C M T ROOFING LLC | 817 Aston Way | O'Fallon | MO | 63368 | | ✓ |
| COMPLETE ROOFING | 6501 Old Lemay Ferry Road | Imperial | MO | 63052 | | ✓ |
| COOK ROOFING COMPANY, LLC | 304 Flynn Road | Branson | MO | 65616 | | ✓ |
| CORNELL ROOFING & SHEET METAL CO. | 901 S Northern Blvd. | Independence | MO | 64053 | | ✓ |
| FABRI-TECH SHEET METAL, INC. | 1200 S. Spring Ave | St. Louis | MO | 63110 | | ✓ |
| FLYNN MIDWEST LP | 1630 N Eldon Avenue | Springfield | MO | 65803 | | ✓ |
| FLYNN MIDWEST, LP | 8601 E US Highway 40 | Kansas City | MO | 64129 | | ✓ |
| FREDERIC CO INC | 8000 Manchester | St Louis | MO | 63144 | | ✓ |
| GUARANTEE ROOFING, INC. | PO Box 3585 | Joplin | MO | 64803 | | ✓ |
| HANKINS SERVICES, INC. | 1100 Elmwood Ave. | Kansas City | MO | 64127 | | ✓ |
| HAUSMAN METAL WORK & ROOFING | PO Box 1256 | Saint Joseph | MO | 64502 | | ✓ |
| J. THOMAS & COMPANY, INC. | 201 Fox Hill Rd | St. Charles | MO | 63301 | | ✓ |
| JOHN JAMISON CONSTRUCTION | PO Box 527 | Nixa | MO | 65714 | | ✓ |
| JOPLIN ROOFING CO., INC. | 5471 Dutch Elm Drive | Joplin | MO | 64804 | | ✓ |
| JR & CO., INC. | 1201 W. 31st Street, Suite 1 | Kansas City | MO | 64108 | | ✓ |
| KIRBERG ROOFING CO. | 1400 South Third Street | Saint Louis | MO | 63104 | | ✓ |
| MAULDEN ROOFING CO. | PO Box 233 | Malden | MO | 63863 | | ✓ |
| MCKENNA ROOFING SERVICES | 2926 Jennie Lane Road | Ashland | MO | 65010 | | ✓ |
| MEINERSHAGEN ROOFING AND SHEET METAL, LLC. | 1501 New Perrine Road | Farmington | MO | 63640 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|------------------------------------|----------------|-------|----------|--|--|
| METRO ROOFING AND REPAIR | 4639 Waldo Ind. Ct. | High Ridge | MO | 63049 | No state licensing for roofing/ general contracting in MO. | ✓ |
| MIDWEST ROOFING | 215 Hwy W. | Eldon | MO | 65026 | | ✓ |
| QUALITY ROOFING | 1315 West 8th Street | Kansas City | MO | 64101 | | ✓ |
| QUALITY ROOFING CONTRACTORS OF SE MISSOURI | PO Box 610 | Senath | MO | 63876 | | ✓ |
| QUEEN CITY ROOFING | 3130 West Chestnut Expressway | Springfield | MO | 65802 | | ✓ |
| ROBERTS ROOFING CO INC | 1601 Buchanan Avenue | St Joseph | MO | 64501 | | ✓ |
| RSS ROOFING SERVICES & SOLUTIONS LLC | 1054 Central Industrial | St. Louis | MO | 63110 | | ✓ |
| SAINT LOUIS METALWORKS COMPANY | 11723 New Halls Ferry Road | Florissant | MO | 63033 | | ✓ |
| SCHNEIDER & ASSOCIATES | 271 Cherry Hills Meadows Dr. | Wildwood | MO | 63040 | | ✓ |
| SEAMAN & SCHUSKE | PO Box 448 | St. Joseph | MO | 64501 | | ✓ |
| STILES ROOFING INC. | PO Box 361 | Lebanon | MO | 65536 | | ✓ |
| TOP PRIORITY ROOFING | 11820 Tesson Ferry Road, Suite 207 | Saint Louis | MO | 63128 | | ✓ |
| WATKINS ROOFING | 4401 I-70 Drive S.E. | Columbia | MO | 65201 | | ✓ |
| WAYNE COX ROOFING | 4025 South Cloverleaf Drive | St. Peters | MO | 63376 | | ✓ |
| WEATHERCRAFT, INC. | U S Highway 63 North | Jefferson City | MO | 65110 | ✓ | |
| ACE ROOFING | 10 Shawnee Way | Bozeman | MT | 59715 | 161199 | ✓ |
| MADDOX ROOFING | PO Box 6867 | Great Falls | MT | 59406 | 7659 | ✓ |
| MISSOULA SHEET METAL | PO Box 10 | Missoula | MT | 59806 | 8192 | ✓ |
| STATEWIDE CONTRACTING DBA ABC ROOFING | 712 Central Ave. W | Great Falls | MT | 59404 | 51674 | ✓ |
| A & R ROOFING | 5001 7th Avenue North | Fargo | ND | 58102 | 945000 | ✓ |
| M J DALSIN CO OF NORTH DAKOTA INC | 635 Armour Street | West Fargo | ND | 58078 | 0002150824 | ✓ |
| ARR ROOFING LLC DBA BOONE BROTHERS ROOFING | 8909 Washington St. | Omaha | NE | 68127 | No state licensing for roofing/ general contracting in NE. | ✓ |
| CHAPPELL ROOFING COMPANY | 302 East Street | Fairbury | NE | 68352 | | ✓ |
| CRAIG INDUSTRIES INC. | 6033 M St. | Omaha | NE | 68117 | | ✓ |
| GUARANTEE ROOFING & SHEET METAL | 2405 S. 13th Street | Norfolk | NE | 68701 | | ✓ |
| INDEPENDENT ROOFING CO. | PO Box 55025 | Omaha | NE | 68105 | | ✓ |
| J.H. ROOFING, INC. | PO Box 34128 | Omaha | NE | 68134 | | ✓ |
| MCCOY CONSTRUCTION LLC | 14503 Grover Street, Ste 102 | Omaha | NE | 68144 | | ✓ |
| R.L. CRAFT COMPANY OF OMAHA | 1502 N. 11th St. | Omaha | NE | 68110 | | ✓ |
| RAWSON ROOFING | 5001 South 27th St. | Omaha | NE | 68107 | | ✓ |
| ROOF PROS, INC. | 6596 South 118th St | Omaha | NE | 68137 | | No state licensing for |
| SCOTT ENTERPRISES, INC. | 9684 N. 109 Avenue | Omaha | NE | 68142 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|--------------------------------|---------------|-------|----------|-------------------------------------|--|
| SPRAGUE ROOFING COMPANY | 3515 North 39th St Circle | Lincoln | NE | 68504 | roofing/ general contracting in NE. | ✓ |
| TONEY'S ROOFING LLC | 2505 N. 24th St. Ste 312 | Omaha | NE | 68110 | | ✓ |
| WEATHERCRAFT ROOFING | 2911 G Street | Omaha | NE | 68107 | | ✓ |
| A. F. CALLAN & CO., INC. | 615 Deer Road | Cherry Hill | NJ | 08034 | Unavailable | ✓ |
| ADVANCED CONSTRUCTION MANAGEMENT CORP/BEST ROOFING COMPANY INC. | 70 Old Turnpike Road | Wayne | NJ | 07470 | Unavailable | ✓ |
| ADVANCED ROOFING & SHEET METAL COMPANY INC | 331 Main St | Belleville | NJ | 07109 | Unavailable | ✓ |
| AETNA ROOFING CORPORATION | 1320 E. State Street | Trenton | NJ | 08609 | 13VH00478100 | ✓ |
| AGM TECHNOLOGIES CONSTRUCT. | Unit Clay Blg/Shepard | Nutley | NJ | 07110 | 13VH00088127 | ✓ |
| ALL-PLY ROOFING CO., INC. | 74 Lee Ave | North Haledon | NJ | 07508 | 13VH00133600 | ✓ |
| ALPER ENTERPRISES, INC. | 530 Kings Highway | Moorestown | NJ | 08057 | 13VH01483500 | ✓ |
| ALTERNATIVE WORLD ENERGY | 100 County Route 645 | Branchville | NJ | 07826 | 13VH05767600 | ✓ |
| AMERICAN ROOF MAINTENANCE LLC | 311 West Main Street | Rockaway | NJ | 07866 | 13VH02955500 | ✓ |
| APEX DEVELOPMENT INC. | 358 Broadway | Newark | NJ | 07104 | 13VH07998700 | ✓ |
| APPLIED ROOFING, LLC | 272 Dunns Mill Road, Suite 115 | Bordentown | NJ | 08505 | 13VH08173300 | ✓ |
| APS CONTRACTING, INC. | 155-161 Pennsylvania Avenue | Peterson | NJ | 07503 | 13VH05182000 | ✓ |
| ARCH CONCEPTS CONSTR INC | 351 W. Clinton Street | Haledon | NJ | 07508 | 13VH10678231 | ✓ |
| ARCO CONSTRUCTION, INC. | 15 Fairfield Place | West Caldwell | NJ | 07006 | 13VH00018800 | ✓ |
| ARISTA BUILDERS AND DESIGNERS, INC. | 329 Jackson Mills Road | Jackson | NJ | 08527 | 13VH04303600 | ✓ |
| BADGER ROOFING COMPANY, INC. | 5 Smalley Ave | Middlesex | NJ | 08846 | 3VH03531900 | ✓ |
| BARRETT ROOFS, INC. | 33 Stonehouse Road | Millington | NJ | 07946 | Pending | ✓ |
| BEST ELITE OF NJ, INC. | 8 Noreen Lane | Wayne | NJ | 07470 | Unavailable | ✓ |
| BEST ROOFING OF NEW JERSEY, INC. | 30 Midland Avenue | Wallington | NJ | 07057 | 13VH05981700 | ✓ |
| BMV GROUP, LLC | 1635 Englishtown Road | Old Bridge | NJ | 08857 | 13VH03635300 | ✓ |
| BOCA BAY GROUP, INC. | 16 South Avenue-W Suite 267 | Cranford | NJ | 07016 | 13VH04351800 | ✓ |
| BREGENZER BROTHERS INC. | 155 Walters Ave | Hopewell | NJ | 08638 | 13VH10450700 | ✓ |
| BROWN & GUARINO, INC. | 377A Lower Landing Road | Blackwood | NJ | 08012 | 13VH48004800 | ✓ |
| BROWN'S ROOFING COMPANY | 377A Lower Landing Road | Blackwood | NJ | 08012 | Unavailable | ✓ |
| BUILD RITE LLC | 16 Darlington Drive | Wayne | NJ | 07470 | 13VH05952000 | ✓ |
| C R C AND ASSOCIATES | 300 Maple Ave -Suite 101 | S Plainfield | NJ | 07080 | 13VH07401800 | ✓ |
| CENTRAL JERSEY ROOFING, INC. | 15-17 South 7th Ave #19 | Long Branch | NJ | 07740 | 13VH01000500 | ✓ |
| CHRIS ANDERSEN ROOFING A TECTA AMERICA COMPANY LLC | 95 New Brunswick Ave | Hopelawn | NJ | 08861 | 13VH00282469 | ✓ |



10. Submittal and Substantiating Documentation

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|--|----------------------------------|--------------------|-------|----------|-------------------|--|
| COFFEY BROTHERS, INC. | 2559 Route 9 North | Howell | NJ | 07731 | 13VH02696000 | ✓ |
| COMPLETE MAINTENANCE BUILDING SERVICES, INC. | 86 Washington Avenue | High Bridge | NJ | 08829 | 13VH06990800 | ✓ |
| CYPRECO INDUSTRIES, INC. | 1420 9th Avenue | Neptune | NJ | 07753 | 13VH02791600 | ✓ |
| D. A. NOLT, INC | 53 Cross Keys Road | Berlin | NJ | 08009 | 13VH00247600 | ✓ |
| D. P. CONSULTING, LLC | 148 Ryders Lane | East Brunswick | NJ | 08816 | Unavailable | ✓ |
| DELTA CONTRACTING SERVICES INC. | 12 Connerly Court | East Brunswick | NJ | 08816 | 13VH05001800 | ✓ |
| DENNIS BOGGI ENTERPRISES INC. | Box 3401107 Mantua Pike, Ste 704 | Mantua | NJ | 08051 | Unavailable | ✓ |
| DERFLINGER ROOFING | 1250 North Maple | Toms River | NJ | 08753 | 13VH03256800 | ✓ |
| DETAILED CONTRACTING, INC. | 2 Texas Avenue | Port Monmouth | NJ | 07758 | Unavailable | ✓ |
| DIETZ ROOFING CO. | 15 N. Pine Avenue | Maple Shade | NJ | 08052 | Unavailable | ✓ |
| DSR CONSTRUCTION LLC | 195 Drum Point Road | Brick | NJ | 08723 | 13VH02186300 | ✓ |
| DUMAR INC. | Building 10 W. Chimney Road | Bound Brook | NJ | 08805 | 13VH02948000 | ✓ |
| DUMAR SERVICES LLC | 12 Connerty Court - Unit A | East Brunswick | NJ | 08816 | 13VH02948000 | ✓ |
| E. R. BARRETT, INC. | 110 Paris Street | Newark | NJ | 07105 | 13VH05680800 | ✓ |
| EAST RUTHERFORD ROOFING CO., INC. | 264 Lackawanna Avenue | West Paterson | NJ | 07424 | 13VH00182300 | ✓ |
| ELITE ROOFING & MAINTENANCE, INC. | 30 Midland Avenue | Wallington | NJ | 07057 | 13VH00040000 | ✓ |
| EMJACK CONSTRUCTION CORP. | 521 Hamburg Turnpike | Pomton Lakes | NJ | 07442 | Unavailable | ✓ |
| ERDMAN ROOFING CO., INC. | 501 N. Belleview Avenue | Cinnaminson | NJ | 08077 | Unavailable | ✓ |
| G & M ROOFING | 208 Russell Place | Hackensack | NJ | 07601 | 13VH00045500 | ✓ |
| GC DYNATECH CONSTRUCTION, LLC | 47 North Main Street | Marlboro | NJ | 07746 | 13VH1393767 | ✓ |
| J. MURPHY ROOFING & SHEET METAL, INC. | 720 Lincoln Blvd | Middlesex | NJ | 08846 | Pending | ✓ |
| J. P. PATTI COMPANY, INC. | 365 Jefferson Street | Saddle Brook | NJ | 07663 | 13VH0062984 | ✓ |
| J. WILHELM ROOFING CO., INC. | 1936 Washington Ave | Vineland | NJ | 08361 | 13VH02959800 | ✓ |
| JACKSON ROOFING COMPANY, INC. | 110 Paris Street | Newark | NJ | 07105 | Unavailable | ✓ |
| JDS GENERAL CONTRACTING, INC. | 304 Monmouth Rd | Millstone Township | NJ | 08510 | 13VH03079400 | ✓ |
| JERSEY COAST CONSTRUCTION CORP. | 1716 Gineside, Suite B | Freehold | NJ | 07728 | 13VH05110500 | ✓ |
| JOHN SYKES COMPANY, INC. | 300 N. Florida Ave. | Atlantic City | NJ | 08401 | 13VH00278200 | ✓ |
| JOSEPH DAVID ROOFING CO., INC. | 405 Pennsylvania Ave. | Linden | NJ | 07036 | 13VH00864900 | ✓ |
| JOTTAN INC. | 136 So. Jackson Street | Florence | NJ | 08518 | 13VH06339300 | ✓ |
| JOTTAN, INC. | 61 Cathy Lane | Florence | NJ | 08518 | 13VH06339300 | ✓ |
| KIRK MYERS CONSTRUCTION CO. | 4179 W. Jersey Avenue | Mays Landing | NJ | 08330 | 13VH01341700 | ✓ |



10. Submittal and Substantiating Documentation

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|--|---------------------------------|------------------|-------|----------|-------------------|--|
| KJC WATERPROOFING INC. DBA OF KJC INC. | 39 W Quackenbush Ave | Dumont | NJ | 07628 | Unavailable | ✓ |
| KNIGHT CONTRACTING CO., INC. | 395 A Millstone Road | Clarksburg | NJ | 08510 | Pending | ✓ |
| L.R. WATTS & SON ROOFING AND CONSTRUCTION, INC. | 927 State Street | Perth Amboy | NJ | 08861 | 13VH00112500 | ✓ |
| LAUMAR ROOFING INCORPORATED | 119 Myrtle Avenue | Passaic | NJ | 07055 | 13VH04637000 | ✓ |
| LAURANT CONSTRUCTION CO., INC. | 3 Meadows Court | Pennington | NJ | 08534 | 13VH05849800 | ✓ |
| LOWE INDUSTRIAL ROOFING & CONSTR. | 30 Plan Street | Boonton | NJ | 07005 | Unavailable | ✓ |
| M T B CONTRACTING | 100 Steiner Ave | Neptune | NJ | 07753 | Unavailable | ✓ |
| MACS GENERAL CONTRACTING, LLC | 1018 Broad Street | Bloomfield | NJ | 07003 | 13VH07301800 | ✓ |
| MAK GROUP LLC | 40 Summitt Avenue | Clifton | NJ | 07013 | 13VH40221968 | ✓ |
| MARITZ-APISA, INC. | 137 Lincoln Boulevard | Middlesex | NJ | 08846 | Unavailable | ✓ |
| MILLENNIUM CONSTRUCTION SPECIALTIES | 20 Cotswold Circle | Ocean | NJ | 07753 | Unavailable | ✓ |
| MORE CONSULTING CORP | 83 Wabash Avenue | Clifton | NJ | 07011 | 13VH09621400 | ✓ |
| MULTI ROOF MAINTENANCE LLC | 5130 West Hurley Pond Road | Wall | NJ | 07727 | 13VH09032100 | ✓ |
| NORTHEAST ROOF MAINTENANCE INC | 649 Catherine St | Perth Amboy | NJ | 08861 | 13VH00474100 | ✓ |
| NU-TEK ROOF SYSTEMS AND BUILDING | 150 Edison Rd | Lake Hopatcong | NJ | 07849 | 13VH04351600 | ✓ |
| PADOVANI ROOFING AND CONSTRUCTION D/B/A OF QUALITY ROOF CLEANING LLC | 46 Higginsville Road | Neshanic Station | NJ | 08853 | 13VH01375300 | ✓ |
| PAINO ROOFING COMPANY, INC. | 75 Voorhis Lane | Hackensack | NJ | 07601 | 13VH00259600 | ✓ |
| PATRIOT ROOFING INC. | 2083 Jacksonville-Jobstown Road | Jobstown | NJ | 08041 | 13VH00258100 | ✓ |
| PATWOOD ROOFING COMPANY | 3 Peckman Road | Little Falls | NJ | 07424 | 13VH00259700 | ✓ |
| POLYLITE ROOF DECKS, INC. | 215 Wilson Avenue | Newark | NJ | 07105 | 13VH06556900 | ✓ |
| PRAVCO | 245 Wescott Dr | Rahway | NJ | 07065 | 13VH01275400 | ✓ |
| PREMIER ENTERPRISES, DBA PREMIER ROOFING | 1520 Route 37 West #4 | Toms River | NJ | 08755 | 13VH06840400 | ✓ |
| PREVENTIVE MAINTENANCE ROOFING INC. | 1614 Highway 34 | Neptune | NJ | 07753 | Unavailable | ✓ |
| R & J SIMPSON ROOFING COMPANY INC. | 190 Montgomery Street | Paterson | NJ | 07501 | 13VH00920100 | ✓ |
| R. J. ERDMAN, INC. | 1940 S. Park Avenue | Haddon Hts. | NJ | 08035 | Unavailable | ✓ |
| RAMIG ROOFING COMPANY | 150 Ryerson Avenue | Wayne | NJ | 07470 | 13VH00271700 | ✓ |
| RAYMOND BROTHERS INC. | 80 Hawkins Road | Englishtown | NJ | 07726 | 13VH00541100 | ✓ |
| RENAISSANCE COATINGS, INC. | 3010 Bordentown Avenue | Parlin | NJ | 08859 | 13VH03413200 | ✓ |



10. Submittal and Substantiating Documentation

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|----------------------------------|--|---------------------|-------|----------|-------------------|--|
| RGC SERVICES, INC. | 1000 N. Delsea Drive, 295 Industrial Center Bldg C-2 | Westerville | NJ | 18951 | 13VH04852900 | ✓ |
| RISING SUN CONSTRUCTION | 54 Magnolia Avenue | Jersey City | NJ | 07306 | 13VH06121700 | ✓ |
| ROOF DIAGNOSTICS INC. | 608 Brighton Avenue | Spring Lake Heights | NJ | 07762 | 13VH00092200 | ✓ |
| ROOF MANAGEMENT, INC | 615 Wayside Road | Neptune | NJ | 07753 | 13VH02437700 | ✓ |
| S & S ROOFING, INC. | 2 Self Boulevard | Carteret | NJ | 08872 | 13VH02402500 | ✓ |
| SAFEWAY CONTRACTING INC | 636 North Michigan Avneue | Kenilworth | NJ | 07033 | 13VH16958500 | ✓ |
| SERVICE BUILDING INC. | 58 Iroquois Ave | Oceanport | NJ | 07757 | 13VH08353900 | ✓ |
| SHARON CONSTRUCTION CORP. | 65 Mechanic Street | Red Bank | NJ | 07701 | Unavailable | ✓ |
| SIMPSON ROOFING, LLC | 172 Butler Street | Paterson | NJ | 07652 | 13VH08480700 | ✓ |
| SMAC CORPORATION | 431 North Midland Ave | Saddle Brook | NJ | 07663 | 13VH04357500 | ✓ |
| SPRING VALLEY CONSTRUCTION, INC. | 933 Route 9 North | South Amboy | NJ | 08879 | 13VH03034800 | ✓ |
| STROBER ROOFING METAL WORKS, LLC | 47 Fairview Road | Frenchtown | NJ | 08825 | 13VH03547400 | ✓ |
| STROBER-WRIGHT ROOFING INC | 1432 Route 179 Units C2 & C3 | Lambertville | NJ | 08530 | 13VH05643900 | ✓ |
| TAUNTON ROOFING, INC. | 150 Tunton Lake Road | Marlton | NJ | 08053 | Unavailable | ✓ |
| THORNE'S INDEPENDENT ROOFING | 988 Lakewood Farmingdale Road | Howell | NJ | 07731 | 13VH05097300 | ✓ |
| TORTORICE CONTRACTORS, INC. | 161 Blackwood-Barnsboro Road | Sewell | NJ | 08080 | 13VH00345900 | ✓ |
| TRI-PLEX INDUSTRIES, INC. | 933 Route 9 North | South Amboy | NJ | 08879 | 13VH04891100 | ✓ |
| TYRO GENERAL CONSTRUCTION, LLC | 45 Van Dyke Road | Hopewell | NJ | 08525 | Unavailable | ✓ |
| UNIVERSAL GENERAL CONTRACTORS | 30 Parkway Place | Edison | NJ | 08837 | Pending | ✓ |
| USA GENERAL CONTRACTORS CORP. | 980 Dehart Place | Elizabeth | NJ | 07207 | 13VH06947200 | ✓ |
| VMG GROUP | 288 Cox Street | Roselle | NJ | 07203 | 13VH00768600 | ✓ |
| WEATHERTITE SOLUTIONS LLC | 331 Newport Road | Glen Gardner | NJ | 08826 | 13VH09304800 | ✓ |
| WESTPOINT WATERPROOFING LLC | 460 Mitchell Place | Perth Amboy | NJ | 08861 | Unavailable | ✓ |
| WILLIAM RAUH & SON INC. | 236 1st Street | Elizabeth | NJ | 07206 | 13VH03153000 | ✓ |
| WINCHESTER ROOFING CORP. | 204 Scarlet Oak Road | Turnersville | NJ | 08012 | 13VH09014100 | ✓ |
| ALLEN ROOFING | PO Box 27333 | Roswell | NM | 88202 | 11883 | ✓ |
| ALL-RITE CONSTRUCTION, INC. | 539 Oliver Ross Drive | Albuquerque | NM | 87121 | 82136 | ✓ |
| COMMERCIAL ROOFING LLC | 8001 Edith Blvd NE | Albuquerque | NM | 87113 | 81251 | ✓ |
| D K G & ASSOCIATES | 6920 Huseman Pl Sw | Albuquerque | NM | 87121 | 59360 | ✓ |
| DELGADO ENTERPRISES LLC | 3720 Bridge Blvd SW | Albuquerque | NM | 87121 | 80281 | ✓ |
| DYNACON INC | PO Box 290 | Fair Acres | NM | 88033 | 28287 | ✓ |



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|--|---------------------------------|--------------|-------|----------|--|--|
| ENCHANTMENT ROOFING SERVICE | 14 Sloman Court | Santa Fe | NM | 87505 | 67811 | ✓ |
| HIGH DESERT ROOFING INC. | 8800 Susan Ave SE | Albuquerque | NM | 87123 | 61119 | ✓ |
| J3 SYSTEMS LLC | 145 Bosque Farms Blvd | Bosque Farms | NM | 87068 | 89980 | ✓ |
| LOPEZ ROOFING SERVICE, INC. | 1261 Calle De Comercio | Santa Fe | NM | 87507 | 18669 | ✓ |
| MAGIC ROOFING AND CONSTRUCTION CO INC | 910 Fairgrounds Road | Farmington | NM | 87401 | 364022 | ✓ |
| NATIONAL ROOFING COMPANY INC. | 3408 Columbia Northeast | Albuquerque | NM | 87107 | 55929 | ✓ |
| PSI GENERAL CONTRACTORS, INC. | 2028 Vista Lejano | Las Cruces | NM | 88005 | 51051 | ✓ |
| QUESTON CONSTRUCTION INC. | 7518 2nd Street SW | Albuquerque | NM | 87107 | 80559 | ✓ |
| ROOFSEAL USA LLC | 4212 Los Metates Road, NW | Albuquerque | NM | 87120 | 359247 | ✓ |
| SOUTHWEST ROOFING CO | PO Box 3127 | Farmington | NM | 87499 | 13609 | ✓ |
| SUPREME CONTRACTING | PO Box 13745 | Albuquerque | NM | 87192 | 83667 | ✓ |
| THE WALTER PARKER CO LLC DBA ROOFCARE | 14810 Central Ave SE, Suite 100 | Albuquerque | NM | 87123 | Unavailable | ✓ |
| TRUJILLO ENTERPRISES DBA TIM TRUJILLO ROOFING | PO Box 755 | Bernalillo | NM | 87004 | Unavailable | ✓ |
| VAN WINKLE ROOFING | PO Box 1028 | Roswell | NM | 88202 | 11503 | ✓ |
| WWRC INC. | 1716 W 7th St | Clovis | NM | 88101 | 54124 | ✓ |
| 5K COMMERCIAL ROOFING, LLC | 11949 Spencer Mills Road | Spencer | OH | 44275 | No state licensing for roofing/ general contracting in OH. | ✓ |
| A. W. FARRELL & SON, INC. | 745 US Highway 50 | Milford | OH | 45150 | | ✓ |
| A.H. STURGILL ROOFING, INC. | 4358 Springfield Street | Dayton | OH | 45431 | | ✓ |
| ABLE COMPANY INC / ABLE ROOFING | 3034 Westerville Road | Columbus | OH | 43224 | | ✓ |
| ADVANCED BUILDING MAINTENANCE, INC. FKA (CARTER ROOFING & SHEET METAL INC) | 6611 Corrine Avenue NW | Canton | OH | 44718 | | ✓ |
| ADVANCED INDUSTRIAL ROOFING, INC. | 1330 Erie St S | Massillon | OH | 44646 | | ✓ |
| ADVANCED ROOFING SERVICES INC | 205 W Sophia St | Maumee | OH | 43537 | | ✓ |
| ADVANCED ROOFING SYSTEMS INC. | 7160 Krick Road | Walton Hills | OH | 44146 | | ✓ |
| AMERICAN ROOFING & METAL CO., INC. | 45 Techview Drive | Cincinnati | OH | 45215 | | ✓ |
| AMERIDIAN SPECIALTY SERVICES, INC. | 11520 Rockfield Ct | Cincinnati | OH | 45241 | | ✓ |
| ARCHITECTURAL SYSTEMS INC | 8633 Memorial Drive | Plain City | OH | 43064 | | ✓ |
| BK CONTRACTING, LLC | 3463 Successful Way | Dayton | OH | 45414 | | ✓ |
| BOYD AND HAWKINS ROOFING | 22370 Alliance-Sebring Rd | Alliance | OH | 44601 | | ✓ |



10. Submittal and Substantiating Documentation

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|---|---------------------------------|------------------|-------|----------|--|--|
| BRUNS CONSTRUCTION ENTERPRISES, INC DBA: OHIO AND INDIANA ROOFING | 1431 Cranberry Road | St. Henry | OH | 45883 | No state licensing for roofing/ general contracting in OH. | ✓ |
| BUCKEYE CONSTRUCTION & RESTORATION, LTD | 405 Watertown Road | Waterford | OH | 45786 | | ✓ |
| BUILDING TECHNICIANS CORPORATION | 4500 Clay St | Geneva | OH | 44041 | | ✓ |
| BUXTON GROUP, LLC DBA: LEGACY ROOFING SERVICES | 800 Killian Road | Akron | OH | 44319 | | ✓ |
| C.R.M. INC. (CHANEY ROOFING MAINTENANCE, INC) | 7040 State Route 101 | Clyde | OH | 43410 | | ✓ |
| CARDINAL MAINTENANCE ROOFING, INC. | 180 East Miller Avenue | Akron | OH | 44301 | | ✓ |
| CATHCART & COMPANY | 311 Spring Street | Piqua | OH | 45356 | | ✓ |
| CHAMPION ROOFING | 26100 Broadway Ave | Bedford | OH | 44146 | | ✓ |
| CHEMCOTE ROOFING CO. | 7599 Fishel Drive North | Dublin | OH | 43016 | | ✓ |
| CLINE BROTHERS ROOFING, INC. | 6990 Airport Highway | Archbold | OH | 43502 | | ✓ |
| COMMAND ROOFING CO. | 2485 Arbor Blvd | Moraine | OH | 45439 | | ✓ |
| COMMERCIAL PAINTING, INC. | 530 Lakeview Plaza Blvd., Ste F | Worthington | OH | 43085 | | ✓ |
| COTTERMAN & COMPANY, INC. | 4513 State Route 66 North | Minster | OH | 45865 | | ✓ |
| DEMARCO ROOFING, INC. | 1160 S Front St | Columbus | OH | 43206 | | ✓ |
| DIVISION 7, INC. | 72 Holmes Street | Galena | OH | 43021 | | ✓ |
| ENTERPRISE ROOFING & SHEET METAL | 1021 Irving Ave | Dayton | OH | 45419 | | ✓ |
| EXTERIOR SYSTEMS, INC. | 10158 Liberty Road | Powell | OH | 43065 | | ✓ |
| FACILITY PRODUCTS & SERVICES, LLC | 330 Newton Street | Canfield | OH | 44406 | | ✓ |
| FAIRWEATHER ROOFING, INC. | 681-D Moore Road | Avon Lake | OH | 44012 | | ✓ |
| FRANKLIN ROOFING | 1610 W. Jackson Street, #6 | Painesville | OH | 44077 | | ✓ |
| FRANKS BROTHERS CONSTRUCTION, INC. | 1308 Mattie | Canton | OH | 44707 | ✓ | |
| FROST ROOFING, INC. | 9 Broadway Street | Wapakoneta | OH | 45895 | ✓ | |
| GENERAL MAINTENANCE AND ENGINEERING | 1231 Mckinley Avenue | Columbus | OH | 43222 | ✓ | |
| HAROLD J BECKER CO., INC. | 3947 Indian Ripple Road | Dayton | OH | 45434 | ✓ | |
| HC NATIONWIDE LLC | 7570 Bond Street | Cleveland | OH | 44139 | ✓ | |
| HICKS ROOFING INC. | 2162 Pleasant Valley Road | New Philadelphia | OH | 44663 | ✓ | |
| INDUSTRIAL ENERGY SYSTEMS, INC. | 15828 Industrial Parkway | Cleveland | OH | 44135 | ✓ | |
| INDUSTRIAL FIRST, INC. | 9520 Lesaint Drive | Fairfield | OH | 45014 | ✓ | |
| INDUSTRIAL FIRST, INC. | 2540 Miles Road | Cleveland | OH | 44146 | ✓ | |
| J B & CO., INC. | 1480 S CR 594 | Tiffin | OH | 44883 | ✓ | |



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| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|------------------------------------|----------------|-------|----------|--|--|
| J. L. ROBBINS CO. | 7570 Bond Streret | Solon | OH | 44139 | No state licensing for roofing/ general contracting in OH. | ✓ |
| K & W ROOFING | 8356 National Road | Pataskala | OH | 43062 | | ✓ |
| KALKREUTH ROOFING & SHEET METAL | 8345 Green Meadows Drive N | Lewis Center | OH | 43035 | | ✓ |
| KELLEY & CARPENTER INC. | 507 Maple Avenue | Hamilton | OH | 45011 | | ✓ |
| KREMER ROOFING INC. | 9319 Murphy Road | Versailles | OH | 45380 | | ✓ |
| LITHKO RESTORATION TECHNOLOGIES | 990 N. Main Street | Monroe | OH | 45050 | | ✓ |
| M.B. ROOFING SYSTEMS INC. | 1588 Clara Street | Columbus | OH | 43211 | | ✓ |
| MEYER RESTORATION INC | 4122 W. State Route 185 | Piqua | OH | 45356 | | ✓ |
| MID MIAMI ROOFING, INC. | 626 South Main Street | Monroe | OH | 45050 | | ✓ |
| MODERN TIME ROOFING INC. | 20970 Queensbridge Lane | North Royalton | OH | 44133 | | ✓ |
| MONARCH CONSTRUCTION COMPANY | 1654 Sherman Ave | Cincinnati | OH | 45212 | | ✓ |
| N F MANSUETTO & SONS, INC. | 116 Wood Street | Martins Ferry | OH | 43935 | | ✓ |
| NATIONAL CONTRACTING SERVICES, INC. | 7476 Reliance Street | Worthington | OH | 43085 | | ✓ |
| NET QUEST SERVICES, INC. | 5583 Dockside Drive | Mason | OH | 45040 | | ✓ |
| NORDMANN ROOFING COMPANY | 1722 Starr Avenue | Toledo | OH | 43605 | | ✓ |
| NORTHEAST ROOFING COMPANY D/B/A/ OF LAZ STUDIO'S INC. | 3935 Deer Run Oval | Richfield | OH | 44286 | | ✓ |
| NR LEE RESTORATION LTD. | 7470 Grone Road | Delphos | OH | 45833 | | ✓ |
| PALTECH INC. | 6991 Cherry Street SE | Hubbard | OH | 44425 | | ✓ |
| PHINNEY INDUSTRIAL ROOFING | 700 Hadley Road | Columbus | OH | 43228 | | ✓ |
| PHINNEY ROOFING | 1529 Sawmill Pkwy | Huron | OH | 44839 | | ✓ |
| PHOENIX TECH INTERNATIONAL | 825 Talladge Ave | Akron | OH | 44310 | | ✓ |
| PORTAGE ROOFING INC. | PO Box 228 | Rootstown | OH | 44272 | | ✓ |
| PRIME ROOF SOLUTIONS INCORPORATED | 5058 S Prospect St | Ravenna | OH | 44266 | | ✓ |
| PUMPHREY ROOFING COMPANY | 42032 Oberlin Elyria Drive | Elyria | OH | 44035 | | ✓ |
| QUALITY MASONRY COMPANY, INC. | 1001 S. Prospect Street, Suite 101 | Marion | OH | 43302 | | ✓ |
| R & R ROOFING, INC. | 493 North James Road | Columbus | OH | 43219 | | ✓ |
| R. E. FORSHEE CO., INC. | 3652 Round Bottom Road | Cincinnati | OH | 45254 | | ✓ |
| R.G. SMITH COMPANY, INC. | 1249 Dueber Avenue SW | Canton | OH | 44706 | ✓ | |
| RAY ROOFING & SUPPLY INC. | 1249 Dueber Avenue SW | Canton | OH | 44711 | ✓ | |
| RE-CONSTRUCTION INDUSTRIES | 777 Harrison Drive | Columbus | OH | 43204 | ✓ | |
| REMBRANDT SERVICES INC. | 4801 N. Detroit Avenue | Toledo | OH | 43612 | ✓ | |
| REMINGER ROOFING | 65 Windrish Drive | Chagrin Falls | OH | 44022 | ✓ | |
| RESERVE ROOFING & SHEET METAL | 674 Hogue Avenue | Akron | OH | 44310 | ✓ | |
| ROBERTS ROOFING CO. | 1799 Joseph Lloyd Parkway | Willoughby | OH | 44094 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|---------------------------------------|----------------|-------|----------|--|--|
| ROMIG ROOFING COMPANY | 52635 High Ridge Road | St Clairsville | OH | 43950 | No state licensing for roofing/ general contracting in OH. | ✓ |
| ROOF CRAFT SYSTEMS | 12600 Broadway Avenue | Garfield Hts | OH | 44125 | | ✓ |
| ROOF GUARD SYSTEM | 950 Cherry Street | Kent | OH | 44240 | | ✓ |
| COLUMBUS ROOFING & SHEET METAL | 1221 Marion Road | Columbus | OH | 43207 | | ✓ |
| ROTH BROTHERS | 3847 Crum Road | Youngstown | OH | 44515 | | ✓ |
| SAUP HARTLEY ROOFING | 1950 East Pike | Zanesville | OH | 43701 | | ✓ |
| SIBLEY ROOFING INC. | 41530 Schaden Road | Elyria | OH | 44036 | | ✓ |
| SOUTHWEST COMPANIES INC. | 7717 Commerce Park Oval | Independence | OH | 44131 | | ✓ |
| STAGGS ROOFING, INC. | 1044 Careys Run-Pond Creek Road | W. Portsmouth | OH | 45663 | | ✓ |
| T & F SYSTEMS, INC. | 1599 E 40th Street | Cleveland | OH | 44103 | | ✓ |
| TECTA AMERICA ZERO COMPANY LLC (CINCINNATI) | 6225 Wiehe Road | Cincinnati | OH | 45237 | | ✓ |
| TEMA ROOFING SERVICES | 1596 Motor Inn Drive | Girard | OH | 44420 | | ✓ |
| TERIK ROOFING, INC. | 72 Hanna Parkway | Akron | OH | 44319 | | ✓ |
| THE BECK COMPANY | 10701 Broadway Avenue | Cleveland | OH | 44125 | | ✓ |
| THE BREESE COMPANY | 4120 Clifton Avenue | Cincinnati | OH | 45232 | | ✓ |
| TOTAL ROOFING SERVICES, LLC. | 7011 Krick Road | Walton Hills | OH | 44146 | | ✓ |
| TYCOR ROOFING INC | 1704 Warner Road | Canton | OH | 44707 | | ✓ |
| UNITED ROOFING & SHEET METAL INC. | 7255 Progress Street | Holland | OH | 43528 | | ✓ |
| WARREN ROOFING & INSULATING CO. | 7015 Krick Rd | Bedford | OH | 44146 | | ✓ |
| WEATHERMARK CORPORATION | 30355 Solon Industrial Pky | Solon | OH | 44139 | | ✓ |
| WILLIAMS BROTHERS ROOFING | 3600 Valley Street | Dayton | OH | 45424 | ✓ | |
| WM KRAMER & SON INC. | 9171 Harrison Pike # 12 | Cleves | OH | 45002 | ✓ | |
| WOLFE'S ROOFING | 6568 State Route 795 | Walbridge | OH | 43465 | ✓ | |
| ZSR CONTRACTING AND RESTORATION INC | 3200 Warsaw Avenue | Cincinnati | OH | 45205 | ✓ | |
| ANDERSON ROOFING | PO Box 10085 | Portland | OR | 97296 | 293 | ✓ |
| ANDERSON ROOFING | 1860 Hwy Ave NE | Salem | OR | 97301 | 161308 | ✓ |
| A S C PROFILES | 4063 Salem Industrial Drive Northeast | Salem | OR | 97301 | Unavailable | ✓ |
| BUCKAROO THERMOSEAL | PO Box 20188 | Portland | OR | 97220 | 454 | ✓ |
| CARLSON ROOFING COMPANY, INC. | 550 SW Maple Street | Hillsboro | OR | 97123 | 159686 | ✓ |
| F.D. THOMAS, INC (FDT) | 217 Bateman Drive | Central Point | OR | 97502 | 71234 | ✓ |
| FLYNN ROOFING | 5500 Southwest Arctic Drive, STE 2 | Beaverton | OR | 97005 | Unavailable | ✓ |
| GRIFFITH ROOFING | 6815 South West 111th Street | Beaverton | OR | 97005 | 925 | ✓ |
| SNYDER ROOFING | PO Box 23819 | Tigard | OR | 97281 | 158 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|----------------------------|-------------------|-------|----------|--|--|
| STERLING-PACIFIC | 251 N. Tillamook Street | Portland | OR | 97227 | 205479 | ✓ |
| STRYKER CONSTRUCTION | 645 E Arlington St | Gladstone | OR | 97027 | 135444 | ✓ |
| UMPQUA ROOFING | PO Box 22424 | Eugene | OR | 97402 | 51465 | ✓ |
| TT&L SHEET METAL, INC. | 6585 SW Fallbrook Place | Beaverton | OR | 97005 | Unavailable | ✓ |
| A TO Z COATINGS, INC. | 3218 Pittston Avenue | Scranton | PA | 18505 | No state licensing for roofing/ general contracting in PA. | ✓ |
| ALAN KUNSMAN ROOFING & SIDING INC. | 203 Washington Street | Freemansburg | PA | 18017 | | ✓ |
| ALL TYPE ROOFING | 1704 Hempstead Road | Lancaster | PA | 17601 | | ✓ |
| ALLEGHENY ROOFING & SHEET METAL CO. INC. | 133 Little Deer Creek Road | Rural Ridge | PA | 15075 | | ✓ |
| ALLENTOWN ROOFING & SHEET METAL | 1059 N Fenwick Street | Allentown | PA | 18109 | | ✓ |
| ALLIED ROOFING AND SHEET METAL, INC. | 340 Pleasant View Road | New Cumberland | PA | 17070 | | ✓ |
| ALTOONA ROOFING& SHEET METAL LLC (PARENT CO. IS BLAIR ROOFING) | 485 Chimney Rocks Road | Hollidaysburg | PA | 16648 | | ✓ |
| AMBLER ROOFING CO. | 272 N. Main Street | Ambler | PA | 19003 | | ✓ |
| AMERICAN ROOFING SYSTEMS, INC. | 502 Church Street | Moosic | PA | 18507 | | ✓ |
| ARC ROOFING CORPORATION FKA: ALLENTOWN ROOFING | 430 Pike Road | Huntingdon Valley | PA | 19006 | | ✓ |
| ASSOCIATED CONSTRUCTION GROUP, INC. | 93 Apple Hill Road | Furlong | PA | 18925 | | ✓ |
| ATLANTIC ROOFING CORPORATION LLC | 5001 Commerce Drive | Green Lane | PA | 18054 | | ✓ |
| BACHMAN'S ROOFING BUILDING & REMODELING INC. | 36 S Elm Street | Wernersville | PA | 19565 | | ✓ |
| BALTYK CONSTRUCTION | 1505 Chester Pike Unit #2 | Folcroft | PA | 19032 | | ✓ |
| BC INC. / BRATTON CONTRACTING | 2555 Delta Road | Brogue | PA | 17309 | | ✓ |
| BELCHER ROOFING CORPORATION | 111 Commerce Dr | Montgomeryville | PA | 18936 | | ✓ |
| BILL BACHMAN ROOFING COMPANY | 2053 Ferry Street | Easton | PA | 18042 | | ✓ |
| BLACK & WHITE, INC. | 613 Martin Lane | Dresher | PA | 19422 | | ✓ |
| BONDED APPLICATORS INCORPORATED | 68 East Main Street | Waynesboro | PA | 17268 | | ✓ |
| BRUIN ROOFING, INC. | 230 Coraopolis Road | Coraopolis | PA | 15108 | | ✓ |
| BURNS & SCALO ROOFING CO. INC. | 22 Rutgers Road Suite 200 | Pittsburgh | PA | 44310 | ✓ | |
| C & D WATERPROOFING CORP | 300 Papermill Road | Bloomsburg | PA | 17815 | ✓ | |
| CAPITAL COATING, INC. | 7 S Kinzer Road | Kinzers | PA | 17535 | ✓ | |
| CARDINAL GROUP SEVICES | 244 W. Airpark Raod | Central City | PA | 15926 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|-------------------------------|--------------------|-------|----------|--|--|
| CAROTENUTO BROWN, LLC | 401 E. Pennsylvania Boulevard | Feasterville | PA | 19053 | No state licensing for roofing/ general contracting in PA. | ✓ |
| CHM CONTRACTING, LLC | 133 Main Street | Leesport | PA | 19533 | | ✓ |
| COUNTY ROOFING & HEATING | 30 Spanish Villa Drive | Jeannette | PA | 15644 | | ✓ |
| CP RANKIN, INC. | 4359 County Line Road | Chalfont | PA | 18914 | | ✓ |
| CUDDY ROOFING COMPANY, INC. | 22 Ruthers Road Ste 102 | Pittsburgh | PA | 15205 | | ✓ |
| D & S IMPROVEMENT, INC. | 415 Bosler Avenue | Lemoyne | PA | 17043 | | ✓ |
| D D P ROOFING SERVICES, INC. | 20 Conchester Rd | Glen Mills | PA | 19342 | | ✓ |
| DAVID M. MAINES ASSOCIATES, INC. | 10 Expansion Drive | Lewistown | PA | 17044 | | ✓ |
| DAVID/RANDALL ASSOCIATES, INC. | 219 Maple Ave | Harleysville | PA | 19438 | | ✓ |
| DERSTINE COMPANY | 320 Cowpath Road | Souderton | PA | 18964 | | ✓ |
| DETWILER ROOFING | 1578 Main Street | Earl | PA | 17519 | | ✓ |
| DOMAR CONTRACTING, INC. | 121 Pastuszek Blvd | Linwood | PA | 19061 | | ✓ |
| DONALD B. SMITH, INC. | 310 Juniper Lane | Hanover | PA | 17331 | | ✓ |
| DONNELLY ROOFING COMPANY | PO Box 131 | Hilltown | PA | 18927 | | ✓ |
| DOUBLE D ROOFING & SHEET METAL, INC | 4615 West Market Street | York | PA | 17404 | | ✓ |
| DUNKEL ROOFING COMPANY, INC. | 887 South Main Street Ext | Punksutawney | PA | 15767 | | ✓ |
| DUNLEVY CONSTRUCTION | 813 Park Street | California | PA | 15419 | | ✓ |
| DUNMORE ROOFING & SUPPLY CO. | 158 Tigue Street | Dunmore | PA | 18512 | | ✓ |
| EAGLE ROOFING CONTRACTORS, INC. | 540 Colwell Lane | Conshohocken | PA | 19428 | | ✓ |
| EASTERN ROOFING SYSTEMS INC. | 101 Berry Hill Road | Moscow | PA | 18444 | | ✓ |
| EDA CONTRACTORS, INC. | 633 Dunksferry Road | Bensalem | PA | 19020 | | ✓ |
| EDA ROOFING CORPORATION | 140 TOMLINSON ROAD | Huntingdon Valley | PA | 19006 | | ✓ |
| ELLIS ROOFING INC. | 362 HULME AVENUE | Langhorne | PA | 19047 | | ✓ |
| G & W ROOFING & CONSTRUCTION INC. | 672 Christy Road | Eighty Four | PA | 15330 | | ✓ |
| G M ELLIS IND MAINT CO. | 44 HAMPTON COURT | New Town | PA | 18940 | | ✓ |
| GARVEY ROARK LLC | 600 B SNYDER AVENUE | West Chester | PA | 19382 | | ✓ |
| GRAVELEY BROS. OF NEW JERSEY | 909 North 26Th Street | Philadelphia | PA | 19130 | ✓ | |
| GSM ROOFING (GOODING SIMPSON & MACKES) | 345 S. Reading Road | Ephrata | PA | 17522 | ✓ | |
| H&P CONSTRUCTION, INC. | 456 Oak Street | Kulpmont | PA | 17834 | ✓ | |
| HAMADA, INC. | 2848 Frankford Avenue | Philadelphia | PA | 19134 | ✓ | |
| HAMMAKER ROOFING COMPANY | 2502 Euclid Avenue | South Williamsport | PA | 17701 | ✓ | |
| HEIDLER ROOFING SERVICES, INC. | 2120 Alpha Dr | York | PA | 17408 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|-----------------------------------|---------------|-------|----------|--|--|
| HOUCK SERVICES, INC. | 7464 Linglestown Road | Harrisburg | PA | 17112 | No state licensing for roofing/ general contracting in PA. | ✓ |
| J H BRANDT & ASSOCIATES | 657 Forge Road | Carlisle | PA | 17013 | | ✓ |
| J&R ROOF RESTORATION | 466 Rink Road | Warren Center | PA | 18551 | | ✓ |
| J.M. YOUNG & SONS, INC. | 10 Trella Street | Belleville | PA | 17004 | | ✓ |
| J.V. HEIDLER CO., INC. | 209 Hazel Street | Lancaster | PA | 17603 | | ✓ |
| JAMES HEISTAND ROOFING & SHEET METAL CO. INC. | 1736 Winchester Road | Bensalem | PA | 19020 | | ✓ |
| JJD URETHANE COMPANY | 2500 Hagey Road | Souderton | PA | 18964 | | ✓ |
| JLK CONTRACTING INC | 450 S 16th Street | Easton | PA | 18042 | | ✓ |
| JOHN R. IMBT INC. | RR #2, Box 239, Baileys Corner Rd | Troy | PA | 16947 | | ✓ |
| KALKREUTH ROOFING & SHEET METAL | 119 Hidden Valley Road | Canonsburg | PA | 15317 | | ✓ |
| KAUTZ CONSTRUCTION COMPANY | 1262 Loop Road | Lancaster | PA | 17601 | | ✓ |
| KELLY ROOFING INC. | 1877 Philadelphia Road | Chambersburg | PA | 17201 | | ✓ |
| KUZMKOWSKI ROOFING | 270 Cloverleaf Drive | Delmont | PA | 15626 | | ✓ |
| L & M ROOFING ASSOC, LLC | 200 Keystone Drive | Carnegie | PA | 15106 | | ✓ |
| LEE M. MACHEMER | 1431 Sout Fourth Street | Allentown | PA | 18103 | | ✓ |
| LENTZ MCGRANE, INC. | 975 Second Street Pike | Richboro | PA | 18954 | | ✓ |
| LIKAR ROOFING CO., INC. | 644 Third Street Rear | N. Versailles | PA | 15137 | | ✓ |
| MAZZELLA ENTERPRISES LLC | 1404 State Route 903 | Jim Thorpe | PA | 18229 | | ✓ |
| MCCREARY ROOFING COMPANY INC | 1404 East Ave | Erie | PA | 16503 | | ✓ |
| MCMULLEN ROOFING CO. INC. | 3832 Jasper St | Philadelphia | PA | 19124 | | ✓ |
| MIKE KOBITHEN ROOFING & INSULATION INC. | 2200 Wakeling Street | Philadelphia | PA | 19137 | ✓ | |
| MILLER-THOMAS-GYEKIS, INC. | 3341 Stafford St | Pittsburgh | PA | 15204 | ✓ | |
| MJ ENTERPRISES OF PENNSYLVANIA LLC | 44 Brandt Lane | Newville | PA | 17241 | ✓ | |
| MUNN & SONS, INC. | 521 W. Butler Avenue | Chalfont | PA | 18914 | ✓ | |
| MUNN ROOFING CORP. | 3413 Unionville Pike | Hatfield | PA | 19440 | ✓ | |
| NATIONAL ROOFING CORP. | 4949 Birney Ave | Moosie | PA | 18507 | ✓ | |
| NOBLE ROOFING & SHEET METAL | 60 Matthew Cir | Richboro | PA | 18954 | ✓ | |
| NORTHEAST UNION INC. | 1525 "B" Bristol Pike | Bensalem | PA | 19020 | ✓ | |
| NORTHERN ROOFING COMPANY | 22 South 3rd Street | Easton | PA | 18042 | ✓ | |
| NORTHWESTERN ROOFING COMPANY, INC. | 1344 South Park Ave | Meadville | PA | 16335 | ✓ | |
| O'LEARY CONTACTORS, INC. | 2838-40 D Street | Philadelphia | PA | 19134 | ✓ | |
| OLIVETTI ROOFING SYSTEMS CORP. | 5 South Keyser Avenue | Taylor | PA | 18517 | ✓ | |
| PALOMINO ROOFING COMPANY, LLC | 3700 Haverford Ave | Philadelphia | PA | 19104 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|--------------------------------------|------------------|-------|----------|--|--|
| PENN PERRY, INC. | 75 Shenot Road | Wexford | PA | 15090 | No state licensing for roofing/ general contracting in PA. | ✓ |
| PENNSYLVANIA ROOFING SYSTEMS | 6013 Meadow Lane | Bakerstown | PA | 15007 | | ✓ |
| PHOENIX ROOFING, INC. | 230 Coraopolis Road | Coraopolis | PA | 15108 | | ✓ |
| PINNACLE ROOFING & SHEET METAL * | 100 Hay Street | Nanticoke | PA | 18634 | | ✓ |
| PRO COM ROOFING CORPORATION | 374 Easton Road | Warrington | PA | 18976 | | ✓ |
| PROFESSIONAL ROOFING SERVICES, INC. | 490 East Market Street | York | PA | 17403 | | ✓ |
| PROGRESSIVE SERVICES, INC. (PSI) | 1806 Spangler Avenue | Dover | PA | 17315 | | ✓ |
| R.C. MARLAND & ASSOCIATES | 406 Ward Street | Chester | PA | 19013 | | ✓ |
| R.H. MARCON, INC. | PO Box 1248 | State College | PA | 16804 | | ✓ |
| RAINBOW ROOFING COMPANY, INC. | 7 Morgan Drive | Sinking Spring | PA | 19608 | | ✓ |
| RAINTREE SERVICES INC | 115 Sout Main Street | Jacobus | PA | 17407 | | ✓ |
| RALPH J MEYER CO. | 3101 Smallman Street | Pittsburgh | PA | 15201 | | ✓ |
| REAM ROOFING | 472 E. Locust Street | Dallastown | PA | 17313 | | ✓ |
| REAM ROOFING ASSOCIATES INC | 472 E. Locust Street | East Prospect | PA | 17317 | | ✓ |
| RICHARD L. SENSENIG COMPANY | 183 South Market Street | Ephrata | PA | 17522 | | ✓ |
| ROBERT GANTER CONTRACTORS, INC. | 595 E Pumping Station Rd | Quakertown | PA | 18951 | | ✓ |
| RUSSELL ROOFING CO.,INC. | 1200 Pennsylvania Ave | Oreland | PA | 19075 | | ✓ |
| RYCO CONTRACTING, LLC | 400 Elm Avenue | North Wales | PA | 19454 | | ✓ |
| SCHULTHEIS BROTHERS COMPANY | PO BOX 14098 | Pittsburgh | PA | 15239 | | ✓ |
| SHEA ENTERPRISES, INC. | 90 N. Donnerville Road | Mountville | PA | 17554 | | ✓ |
| SHECKLER CONTRACTING , INC. | 7214 Church Street | Conneaut Lake | PA | 16316 | ✓ | |
| SLIPPERY ROCK ROOFING | 3942 Old Butler Road | New Castle | PA | 16101 | ✓ | |
| SPOTTS BROTHERS INC | 42 Berger Street | Schuylkill Haven | PA | 17972 | ✓ | |
| STAAB BROTHERS INCORPORATED | 217 Unity Road | Harrisville | PA | 16038 | ✓ | |
| STEVENSON CONTRACTING, LLC | 2534 PA Route 309 | Orefield | PA | 18069 | ✓ | |
| STOUGH CONTRACTING, INC. | 3890 Barachel Drive | York | PA | 17402 | ✓ | |
| STRINGERT INCORPORATED | 1208 Mckee Avenue | Mckees Rocks | PA | 15136 | ✓ | |
| STRONGLAND ROOFING SYSTEMS, INC. | 1465 Airport Road | Vandergrift | PA | 15690 | ✓ | |
| SUSQUEHANNA VALLEY ROOFING SERVICES, INC. | 238 Locust Point Road, B-3 Suite 302 | Mechanicsburg | PA | 17050 | ✓ | |
| TRIANGLE ROOFING, INC. | 351 Mt. Nebo Road | Pittsburgh | PA | 15237 | ✓ | |
| TRIDENT CONTRACTING CORP. | 150 East 9th Street | Bloomsburg | PA | 17815 | ✓ | |
| TUSCANO - MAHER ROOFING INC. | 373 Moween Road | Saltsburg | PA | 15681 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|----------------------------|---------------|-------|----------|--|--|
| UNION ROOFING & SHEET MTL. | 430 Seventh Avenue | Altoona | PA | 16603 | No state licensing for roofing/ general contracting in PA. | ✓ |
| UNION ROOFING CONTRACTORS INC. | 12260 Townsend Road | Philadelphia | PA | 19154 | | ✓ |
| UNITED STATES ROOFING CORP. | 910 E Main St | Norristown | PA | 19401 | | ✓ |
| VOEGELE ROOFING CO. | 200 Bridge Street | Pittsburgh | PA | 15223 | | ✓ |
| WARKO ROOFING CO. INC. | 18 Morgan Dr | Reading | PA | 19608 | | ✓ |
| WEATHER CONTROL CO., INC. | 336 Church Alley | Montoursville | PA | 17754 | | ✓ |
| WESPOL CONSTRUCTION AND METAL DISTRIBUTORS, LLC | 38 Steam Whistle Drive | Ivyland | PA | 18974 | | ✓ |
| WHELAN PROPERTIES ROOFING DIVISION | 139 Commons Court | Chadds Ford | PA | 19317 | | ✓ |
| WHITAKER ALUMINUM & ROOFING INC | 1715 West Green Street | Allentown | PA | 18104 | | ✓ |
| WISE ROOFING & COATINGS LLC | 1707 Hilltop Drive | Altoona | PA | 16601 | | ✓ |
| YORK ROOFING INC | 1281 W King Street | York | PA | 17404 | ✓ | |
| AQUA SEAL MANUFACTURING & ROOFING INC | 1144 Walter Price Street | Cayce | SC | 29003 | 97868 | ✓ |
| C. E. BOURNE & COMPANY, INC | 140 Industrial Drive | Greenwood | SC | 29648 | Unavailable | ✓ |
| CANNON ROOFING CO., INC. | 327 Kennedy Drive | Spartanburg | SC | 29304 | 110852 | ✓ |
| CFE, INC. | 107 East Miller Street | Mauldin | SC | 29622 | Unavailable | ✓ |
| COASTAL COMMERCIAL ROOFING CO, INC | 4355 Adrain Highway | Conway | SC | 29526 | 106454 | ✓ |
| COASTAL ROOFING CO. INC. | 2234 N Westchester Dr | Charleston | SC | 29414 | 10226 | ✓ |
| DAVIS ROOFING & SHEET METAL, INC. | 4210 Piggly Wiggley | Charleston | SC | 29415 | 10529 | ✓ |
| FORT ROOFING AND SHEET METAL WORKS | 14 W Oakland Ave | Sumter | SC | 29151 | 13325 | ✓ |
| FORT ROOFING OF CHARLESTON ASSOC. | 1025 W. 5th N. Street | Summerville | SC | 29483 | 115184 | ✓ |
| GARDNER ROOFING INCORPORATED | 1329 Swift Creek Road | Hartsville | SC | 29550 | 99057 | ✓ |
| GREENVILLE ROOFING CO.,INC. | PO Box 2940 | Greenville | SC | 29602 | 11107 | ✓ |
| HERITAGE ROOFING COMPANY INC. | 122 Royal Oaks Lane | Lexington | SC | 29072 | 14168 | ✓ |
| JOHNSON'S ROOFING SERVICE, INC. | 1222 Quarry Overlook Drive | Fort Mill | SC | 29715 | 10294 | ✓ |
| LLOYD ROOFING CO.* | 2415 Montague Ave | Greenwood | SC | 29649 | 10175 | ✓ |
| MONARCH ROOFING, LLC | 4336 Waccamaw Blvd | Myrtle Beach | SC | 29579 | 121816 | ✓ |
| PICKENS RFG & SHEET MTL INC. | 300 South Ave | Spartanburg | SC | 29304 | Unavailable | ✓ |
| RIKE ROOFING SERVICES, INC. | 9160 Northfield Drive | Fort Mill | SC | 29707 | 118018 | ✓ |
| ROOF OPTIONS, INC. | 119 Ian Court | Spartanburg | SC | 29306 | 117310 | ✓ |
| ROOF CO INCORPORATED | 1345 North Pike Road | Sumter | SC | 29151 | 10442 | ✓ |
| SOUTHERN ROOF & WOOD CARE CORP | 1210 Honey Hill Road | Hardeeville | SC | 29927 | 102874 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|------------------------------------|---------------|-------|----------|--|--|
| SOUTHERN ROOFING | 803 North Wise Drive | Sumter | SC | 29153 | 10166 | ✓ |
| SPANN INC. | 705 Seaboard St | Myrtle Beach | SC | 29577 | 119387 | ✓ |
| SUNBELT ROOFING SERVICE INC. | 1406 Evans Road | Marion | SC | 29571 | 10957 | ✓ |
| A R CONTRACTORS INCORPORATED DBA EASLEY ROOFING & SHEET METAL | PO Box 3464 | Victoria | TX | 77903 | No state licensing for roofing/ general contracting in TX. | ✓ |
| A R CONTRACTORS OF AMERICA | PO Box 24084 | Arlington | TX | 76124 | | ✓ |
| A.A. NATIONAL ROOFING INC. | 1700 Clay Ave | Waco | TX | 76706 | | ✓ |
| A-1 SYSTEMS INC DBA LON SMITH ROOFING CO. | 904 E. Waggoman | Fort Worth | TX | 76110 | | ✓ |
| ABG CONTRACTING GROUP, INC. | 10223 Broadway Suite P #351 | Pearland | TX | 77584 | | ✓ |
| ACCU-RITE ROOFING | 303 West Cevallos | San Antonio | TX | 78204 | | ✓ |
| ADVANCED ROOFING SERVICE | 113 Avenue C | Longview | TX | 75604 | | ✓ |
| ADVANTAGE USAA, INC. | 13350 Rebecca Creek Rd | Spring Branch | TX | 78070 | | ✓ |
| ALAMO ROOFING & METAL CO. INC. | PO Box 23388 | San Antonio | TX | 78223 | | ✓ |
| ALICE ROOFING | 9092 Green Road | San Antonio | TX | 78220 | | ✓ |
| ALL STAR SHEET METAL & ROOFING, LLC | 306 Bowie | Amarillo | TX | 79106 | | ✓ |
| ALL TEX ROOFING | 5605 Creekmont Drive | Houston | TX | 77091 | | ✓ |
| AMERICAN CONTRACTING U.S.A., INC. | 1606 S Reynolds | Rio Hondo | TX | 78583 | | ✓ |
| AMERICAN CONTRACTING USA INC | PO Box 1026 | Manvel | TX | 77578 | | ✓ |
| AMERICAN ROOFING | 800 Wyoming Street | San Antonio | TX | 78203 | | ✓ |
| AMTEX ASSOCIATED CONTRACTORS | 8014 Yale Street | Houston | TX | 77037 | | ✓ |
| ANCHOR ROOFING SYSTEMS, LTD. | 2809 N Houston St | Fort Worth | TX | 76106 | | ✓ |
| ARCADIA ROOFING COMPANY, LLC | 2632 Chalk Hill Road | Dallas | TX | 75212 | | ✓ |
| ARCI INC | 1110 Blue Bell | Houston | TX | 77038 | | ✓ |
| ARGIO ROOFING LLC | 29729 Norman Road | Rio Hondo | TX | 78583 | | ✓ |
| A-TEX WATERPROOFING INC. | PO Box 932 | Georgetown | TX | 78627 | ✓ | |
| ATLAS CONSTRUCTION GROUP | 121 W. Hickory Street, Suite 105 | Denton | TX | 76201 | ✓ | |
| ATLAS UNIVERSAL ROOFING, INC. | 735 W Tidwell Rd Ste A | Houston | TX | 77091 | ✓ | |
| ATRIUM ROOFING | 10615 Perin Beitel Road, Suite 803 | San Antonio | TX | 75217 | ✓ | |
| BARR ROOFING COMPANY | 3602 S. Treadaway | Abilene | TX | 79602 | ✓ | |
| BELDON ROOFING COMPANY | PO Box 13380 | San Antonio | TX | 78213 | ✓ | |
| BENCO COMMERCIAL ROOFING | 4201 N. Main St., Suite 230 | Fort Worth | TX | 76106 | ✓ | |
| BENTLEY ROOFING | PO Box 27336 | San Antonio | TX | 78227 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|-----------------------------------|-----------------|-------|----------|--|--|
| BRAZOS ROOFING | PO Box 769 | Waco | TX | 76703 | No state licensing for roofing/ general contracting in TX. | ✓ |
| BRAZOS URETHANE, INC | 1031 6th St. North | Texas City | TX | 77590 | | ✓ |
| BRAZOS-VALLEY DIVISION, LLC DBA: BRAZOS INDUSTRIES | 113 E. Main Street | Clute | TX | 77531 | | ✓ |
| BRI ROOFING & SHEET METAL | 2629 W. Blue Mound Road | Haslet | TX | 76052 | | ✓ |
| BRINKMANN ROOFING CO. | 5050 Timber Creek Dr. | Houston | TX | 77017 | | ✓ |
| C & F CONSTRUCTION | 6825 US Highway 87 East - Suite A | San Antonio | TX | 78263 | | ✓ |
| C.O. MONTGOMERY CONSTRUCTION SERVICES LLC | 1998 Cooksey Land | Lorena | TX | 76655 | | ✓ |
| CBS ROOFING SERVICES, A DIVISION OF CBS MECHANICAL | 5001 W. University Dr | Denton | TX | 76207 | | ✓ |
| CHAMBERLIN HOUSTON - DBA CHAMBERLIN ROOFING & WATE | 7510 Langtry | Houston | TX | 77040 | | ✓ |
| CIM ROOFING, INC | 12305 Mercantile S4 | El Paso | TX | 79928 | | ✓ |
| COMMERCIAL ROOFING SYSTEMS, INC | 101 Valley Chile Rd | Vinton | TX | 79821 | | ✓ |
| COMMERCIAL ROOFING SYSTEMS., INC. | 1802 Bus 281 | Edinburg | TX | 78539 | | ✓ |
| COMPETITION ROOFING, INC. | 7310 Fairview Street | Houston | TX | 77041 | | ✓ |
| CONSTITUTION CONTRACTING INC. | 8121 County Road 79 | Rosharon | TX | 77583 | | ✓ |
| CONSTRUCTION SERVICES | PO Box 714 | Humble | TX | 77347 | | ✓ |
| CONSTRUCTION SERVICES - SEE COMMENTS | PO Box 2722 | Amarillo | TX | 79105 | | ✓ |
| CON-TEX ROOFING CO | 820 Turney Drive | Houston | TX | 77038 | | ✓ |
| CRAM ROOFING COMPANY INC | PO Box 690265 | San Antonio | TX | 78269 | | ✓ |
| CS ADVANTAGE USAA, INC. | PO Box 12407 | College Station | TX | 77342 | | ✓ |
| CSM INDUSTRIAL | 8660 Lambright Road | Houston | TX | 77075 | | ✓ |
| CURTIS-MCKINLEY ROOFING & SHEET METAL | PO Box 3105 | Longview | TX | 75606 | | ✓ |
| D.R. KIDD COMPANY | 1413 Brandi Lane | Round Rock | TX | 78680 | | ✓ |
| DEAN CONTRACTING CO., INC. | 2800 Dryhole Drive | Kyle | TX | 78640 | | ✓ |
| DIVERSITY RESOURCES GROUP, LLC | 2947 Blystone Lane | Dallas | TX | 75220- | | ✓ |
| DK HANEY CONSTRUCTION, INC. | 3425 E. Vickery Blvd. | Fort Worth | TX | 76105 | ✓ | |
| ELITE CONSTRUCTION SERVICES | 403 Insurance Road | Houston | TX | 77236 | ✓ | |
| EMPIRE ROOFING | 5301 Sun Valley Drive | Fort Worth | TX | 76119 | ✓ | |
| F.W.WALTON, INC. DBA | 8350 Mosley Road | Houston | TX | 77075 | ✓ | |
| FINLEY ROOFING DBA TIP TOP ROOFING | 1911 Hydro Drive | Austin | TX | 78728 | ✓ | |
| FOUR SEASONS ROOFING, INC. | 15112 Lee Rd #404 | Humble | TX | 77347 | ✓ | |
| FOUR STAR ROOFING CO., INC. | PO BOX 26925 | El Paso | TX | 79926 | ✓ | |
| FRANK SHEPARD CO | 1803 West Dakota | Midland | TX | 79701 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|-----------------------------|----------------|-------|----------|--|--|
| GUEST ROOFING INC | 201 Douglas Avenue | Waco | TX | 76712 | No state licensing for roofing/ general contracting in TX. | ✓ |
| HAEBER ROOFING CO | 2833 Holly Road | Corpus Christi | TX | 78415 | | ✓ |
| HALLMARK CAPITAL GRP DBA HALLMARK FARRELL ROOFING | 14043 S. Gessner Road | Missouri City | TX | 77489 | | ✓ |
| HAMILTON ROOFING COMPANY | 710 10Th Street | Lubbock | TX | 79408 | | ✓ |
| HARRISON ROOFING CO | 1317 S. Hill Street | San Angelo | TX | 76903 | | ✓ |
| HAWS ROOFING | PO Box 1407 | Tyler | TX | 75710 | | ✓ |
| HAYES MILLER ROOFING | PO Box 788 | Longview | TX | 75606 | | ✓ |
| HCH ROOFING AND SHEETMETAL LLC - APPROVED FOR ONE JOB ONLY | 104 Michigan Street | Victoria | TX | 77905 | | ✓ |
| HRT ROOFING & CONSTRUCTION | 107 S. Ascarate Street | El Paso | TX | 79905 | | ✓ |
| HUGHES BUILDING SERVICES | 7677 Hunnicut Road, Suite B | Dallas | TX | 75228 | | ✓ |
| IPSUM BUILDING SUPPLIES & SERVICES, INC. | PO Box 15641 | Houston | TX | 77220 | | ✓ |
| J&J ROOFING COMPANY | 5215 Lawnview Avenue | Dallas | TX | 75227 | | ✓ |
| J. REYNOLDS & CO., INC. | 1601 S. Akard | Dallas | TX | 75222 | | ✓ |
| J.J. FLORES, LLC | 1810 Aguila Azteca Drive | Laredo, | TX | 78043 | | ✓ |
| J.R. JONES ROOFING | 5511 Mitchelldale Street | Houston | TX | 77092 | | ✓ |
| JEFF EUBANKS ROOFING | 1900 Northpark Drive | Fort Worth | TX | 76102 | | ✓ |
| JERRY GREGORY INC | PO Box 96 | Belton | TX | 76513 | | ✓ |
| JOHNSON ROOFING | PO Box 11009 | Waco | TX | 76716 | | ✓ |
| JOHNSON ROOFING | 1503 W Marshall Avenue | Longview | TX | 75604 | | ✓ |
| JONES COMMERCIAL ROOFING | 3212 W. Arkansas Lane | Arlington | TX | 76016 | | ✓ |
| K POST COMPANY | 1841 W. Northwest Hwy | Dallas | TX | 75220 | | ✓ |
| KEITH LINDSAY STITES INC. DBA KINGDOM ROOFING | 4940 Camp Bowie Blvd. | Fort Worth | TX | 76185 | | ✓ |
| KODIAK SERVICES, INC. | 5605 Creekmont Dr. | Houston | TX | 77091 | | ✓ |
| L.D. TEBBEN CO | 4315 Terry-O Lane | Austin | TX | 78745 | | ✓ |
| LBK ROOFING LLC | 12104 Hwy 87 Ste #10 | Lubbock | TX | 79423 | | ✓ |
| LIBERTY COUNTY ROOFING, INC. | PO Box 73 | Hardin | TX | 77561 | | ✓ |
| LYDICK HOOKS ROOFING | 2131 Market Street | Midland | TX | 79703 | ✓ | |
| LYDICK HOOKS ROOFING | PO Box 2605 | Lubbock | TX | 79408 | ✓ | |
| LYDICK HOOKS ROOFING | 401 China Street | Abilene | TX | 79602 | ✓ | |
| MAHONE ROOFING & SHEET METAL CO | PO Box 790069 | San Antonio | TX | 78279 | ✓ | |
| MARTON ROOFING | 5207 Ashbrook | Houston | TX | 77081 | ✓ | |
| MCNIEL ROOFING & SHEET METAL INC | PO Box 33313 | San Antonio | TX | 78265 | ✓ | |
| META INC | PO Box 2 | Texarkana | TX | 75504 | ✓ | |
| MIC CONSTRUCTION SERV., INC. | 1031 6th St. North | Texas City | TX | 77590 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|--------------------------|----------------|-------|----------|--|--|
| MICHALSKY ROOFING | PO Box 520 | Crosby | TX | 77532 | No state licensing for roofing/ general contracting in TX. | ✓ |
| MILLSAP WATERPROOFING | 2414 Mcallister Rd | Houston | TX | 77092 | | ✓ |
| MITCHELL CONTRACTING | 5401 Milwee Street | Houston | TX | 77092 | | ✓ |
| OATES INDUSTRIES INC. | 2900 East X Street | La Porte | TX | 77571 | | ✓ |
| ONE STATE CONTRACTORS, INC. | 5025 F.M. 2001 Ste #8 | Buda | TX | 78510 | | ✓ |
| ORTEGON ROOFING INC - DBA J. O. ROOFING | 3902 Main Avenue | Laredo | TX | 78041 | | ✓ |
| PARAGON ROOFING, INC. | 2520 Merrell Road | Dallas | TX | 75229 | | ✓ |
| PARCHMAN ROOFING CO | 820 Turner Warner Road | Mansfield | TX | 76063 | | ✓ |
| PARSONS COMMERCIAL ROOFING | PO Box 21835 | Waco | TX | 21835 | | ✓ |
| PEAK ROOFING INC. | 1040 West 26Th Street | Houston | TX | 77008 | | ✓ |
| PORT ENTERPRISES, INC. | 1955 Saratoga Boulevard | Corpus Christi | TX | 78417 | | ✓ |
| PRC ROOFING COMPANY INC. | 3714 Osage Street | Houston | TX | 77063 | | ✓ |
| PYRAMID WATERPROOFING | PO Box 16069 | Houston | TX | 77222 | | ✓ |
| Q A CONSTRUCTION SERV., INC. | 6620 Manor Road | Austin | TX | 78723 | | ✓ |
| QUICK ROOFING, LLC | 100 East Broadway | Kennedale | TX | 76060 | | ✓ |
| R & B ROOFING, LLC DBA R & B ROOFING LP | 2601 Wood Drive | Garland | TX | 75041 | | ✓ |
| RAIN KING | PO Box 192 | Victoria | TX | 77902 | | ✓ |
| RAIN SEAL MASTER ROOFING | 2306 Port Lavaca Dr | Victoria | TX | 77901 | | ✓ |
| RAMON FRANKLIN, LLC | 117 Roberts Cut Off Road | Fort Worth | TX | 76114 | | ✓ |
| RANGER CONTRACTING INC. | 13400 Rebecca Creek Road | Spring Branch | TX | 78070 | | ✓ |
| RBT CONSTRUCTION DBA: OF TRUMBLE CONSTRUCTION INC | 1944 Clear Springs Road | Texarkana | TX | 75501 | | ✓ |
| RENEAU ROOFING & SHEET METAL, INC. | PO Box 100 | Garrison | TX | 75946 | | ✓ |
| RIO ROOFING INC. | 310 Hanmore Industrial | Harlingen | TX | 78550 | | ✓ |
| ROOF & METAL COMPANY | 4016 Johnson Ave | El Paso | TX | 79930 | | ✓ |
| ROOF MANAGEMENT SERVICES, INC | 2817 National Drive | Garland | TX | 75041 | | ✓ |
| ROOF SPEC, INC. | 3738 Cavalier Drive | Garland | TX | 75042 | | ✓ |
| ROOF TOPPERS OF EL PASO, INC. | PO Box 530 | Clint | TX | 79836 | | ✓ |
| RPS SERVICES INC | 2211 Hurfus | Houston | TX | 77092 | ✓ | |
| S & S CONTRACTORS | PO Box 167906 | Irving | TX | 75016 | ✓ | |
| S & S ROOFING INC | 4339 US Hwy 271 S | Pittsburg | TX | 75686 | ✓ | |
| SAMUEL DEAN SHEET METAL INC | 429 Cincinnati | San Antonio | TX | 78201 | ✓ | |
| SANDERS ROOFING & EXTERIORS | 1621 County Road 269 | Leander | TX | 78641 | ✓ | |
| SCHRADER ROOFING, INC | 612 W. 4th Ave | Amarillo | TX | 79101 | ✓ | |
| SEA-BREEZE ROOFING INC. | 1927 Ahrens Street | Houston | TX | 77017 | ✓ | |
| SEAMLESS ROOFING SYSTEMS | 2815 Texas Ave | Texas City | TX | 77590 | ✓ | |
| SECHRIST-HALL COMPANY | PO Box 5207 | Corpus Christi | TX | 78465 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|--------------------------------|----------------|-------|----------|--|--|
| SECHRIST-HALL COMPANY | PO Box 2347 | Harlingen | TX | 78551 | No state licensing for roofing/ general contracting in TX. | ✓ |
| SHACKELFORD ROOFING | 7302 Helbig Road | Beaumont | TX | 77708 | | ✓ |
| SHELTER ROOFING LP | 927 Gemini | Houston | TX | 77058 | | ✓ |
| SLR ROOFING SYSTEMS, INC. | 3617 Collinwood Ave | Fort Worth | TX | 76107 | | ✓ |
| SOUTH TEXAS METAL ROOFING | 2217 Flour Bluff Drive | Corpus Christi | TX | 78418 | | ✓ |
| STORM MASTER INC. | 3404 East Loop 820 South | Fort Worth | TX | 76119 | | ✓ |
| SUNWEST CONTRACTORS | 12945 Montana Avenue | El Paso | TX | 79936 | | ✓ |
| SUPERIOR ROOFING & CONSTRUCTION | 16103 University Oak | San Antonio | TX | 78249 | | ✓ |
| SUPREME SYSTEMS INC | 1355 N. Walton Walker | Dallas | TX | 75211 | | ✓ |
| TABCON, INC. | 1150 Southview Drive | El Paso | TX | 79928 | | ✓ |
| TADCO ROOFING | 902 E Owassa Rd | Edinburg | TX | 78542 | | ✓ |
| TECTA AMERICA CS LLC - SEE COMMENTS | 5401 Acuff Road | Lubbock | TX | 79403 | | ✓ |
| TEXAS LIQUA TECH SVCS DBA LIQUA TECH | 1819 Milby | Houston | TX | 77003 | | ✓ |
| TEXAS ROOFING CO | PO Box 80798 | Austin | TX | 78708 | | ✓ |
| THERMAL PROTECTION SERVICES - ONE JOB ONLY | 1327 County Road 133 | Hallettsville | TX | 77964 | | ✓ |
| TOPSIDE CONTRACTING . LLC | 703 Cupples Rd | San Antonio | TX | 78237 | | ✓ |
| TURNER ROOFING COMPANY | 18953 Redland Road | San Antonio | TX | 78259 | | ✓ |
| TYLER ROOFING CO. | 10465 Spur 164 | Tyler | TX | 75709 | | ✓ |
| WEEKS ROOFING | 3006 Gateway East | El Paso | TX | 79905 | | ✓ |
| WEST TEXAS ROOFING | 308 East Louisiana | Midland | TX | 79701 | ✓ | |
| YORKSHIRE FEDERAL INC. | PO Box 104 | Lindale | TX | 75771 | ✓ | |
| A&C CONTRACTING COMPANY | 2100 BUNNANEER ROAD | Moneta | VA | 24121 | Unavailable | ✓ |
| ADVANCED ROOFING SYSTEMS L.T.D. | 2104 North Hamilton St | Richmond | VA | 23230 | 2701031670 | ✓ |
| ALASKA UNIVERSAL SERVICES LLC | 1577 Springhill Road, Ste. 320 | Vienna | VA | 22182 | Unavailable | ✓ |
| ATLANTIC ROOF MAINT. SERV. | 1009 Executive Blvd. | Chesapeake | VA | 23320 | 2705021711 | ✓ |
| AUTUMN CONTRACTING, INC. | 5425 Port Royal Road | Springfield | VA | 22151 | 2705077187 | ✓ |
| BAKER ROOFING COMPANY OF NORFOLK LLC | 4937 Cleveland Street | Virginia Beach | VA | 23467 | 2701019876 | ✓ |
| BAKER ROOFING OF HARRISONBURG LLC | 39 Pond View Lane | Weyers Cave | VA | 24486 | 2705110701 | ✓ |
| BAKER ROOFING OF ROANOKE LLC | 3308 Shenandoah | Roanoke | VA | 24017 | 2705110705 | ✓ |
| BLANKENSHIP ROOFING COMPANY | 1020 S. College Ave | Salem | VA | 24153 | 3306000720 | ✓ |
| BLOCK ROOFING CORPORATION | 1409 Air Rail Avenue | Virginia Beach | VA | 23455 | 2701023826 | ✓ |
| BREEDING CONSTRUCTION, INC. | 8241-D Backlick Road | Lorton | VA | 22079 | 2701022036 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|-------------------------------------|----------------|-------|----------|-------------------|--|
| BROTHERS CONSTRUCTION COMPANY, INC. | 7901 Kincannon Pl, Unit 6 | Lorton | VA | 22079 | 2701036282 | ✓ |
| CHU CONTRACTING, INC. | 14111 Mariah Ct. | Chantilly | VA | 20151 | 2705128763 | ✓ |
| CONSUMERS/DORNIN-ADAMS, INC. | PO Box 10158 | Lynchburg | VA | 24506 | 2701001950 | ✓ |
| CULBERTSON COMPANY OF VIRGINIA, LLC | 7800 General McClellan Drive | Manassas | VA | 20109 | 2705076263 | ✓ |
| DEAN MECHANICAL CONTRACTORS | 9420 Developers Drive | Manassas | VA | 20109 | 2705052244 | ✓ |
| DOMINION WATERPROOFING & CONSTRUCTION SERVICES | 3903 Carolina Ave | Richmond | VA | 23222 | 2705065297 | ✓ |
| DUCKS ROOFING COMPANY, INC. | 403 Hanbury Ave | Portsmouth | VA | 23702 | 2701022036 | ✓ |
| ECONOMY ROOFING INC. | 55 Economy Drive | Rocky Mount | VA | 24151 | 2701020846 | ✓ |
| FUNCTION ENTERPRISES INC. | 7954 Cameron Brown Court | Springfield | VA | 22153 | 2701023801 | ✓ |
| J. D. MILES & SONS, INC. | 210 B Street | Chesapeake | VA | 23324 | 2701004796 | ✓ |
| KARKENNY BUILDING & MAINTENANCE CO. | 3441 Lee Highway South | Roanoke | VA | 24019 | 2701030773 | ✓ |
| MCDRAKE ENTERPRISES, LLC. | 5721 B Arrowhead Drive | Virginia Beach | VA | 23462 | 2705151722 | ✓ |
| N. W. MARTIN BROTHERS INC. | 1531 St James St | Richmond | VA | 23209 | 2701001308 | ✓ |
| NATIONS ROOF MID-ATLANTIC | 7207 F Lockport Place | Lorton | VA | 22079 | 2705110588 | ✓ |
| NORTHEAST CONTRACTING CORP. | 7220 Lockport Place | Lorton | VA | 22079 | 2705066958 | ✓ |
| OLD DOMINION ROOFING | 3709 Goodell Road | Richmond | VA | 23223 | 2701031448 | ✓ |
| PITTSYLVANIA ROOFING CONTRACTORS | 3961 Spring Garden Road | Chatham | VA | 24531 | 2705011690 | ✓ |
| PROSPECT WATERPROOFING, CO. | 118 Acacia Lane | Sterling | VA | 20166 | 2705026085 | ✓ |
| R C ROOFING AND REPAIR INC. | 428 Rolling Hills Sub | Castlewood | VA | 24224 | 2701020027 | ✓ |
| RAYCO ROOF SERVICE INC. | 6870 Wellington Road | Manassas | VA | 20109 | 2701019198 | ✓ |
| RED ROSE ROOFING INC. | 801 Grove Road | Midlothian | VA | 23113 | Unavailable | ✓ |
| RELIANCE ROOFING & WATERPROOFING, INC. | 10379 Central Park Drive, Suite 200 | Manassas | VA | 20108 | 270551320 | ✓ |
| RICHMOND ROOFING | 11114 Leadbetter Road | Ashland | VA | 23005 | 2705165642 | ✓ |
| RON BLOCK MAINTENANCE | 512 General Booth Blvd. | Virginia Beach | VA | 23451 | 2705099556 | ✓ |
| ROOF ENGINEERING CORP. | 3401 Mangrove Ave | Norfolk | VA | 23502 | 2701003279 | ✓ |
| ROOF SERVICES CORPORATION | 3056 Holland Road | Virginia Beach | VA | 23456 | 2701034376 | ✓ |
| ROOF SYSTEMS OF VA INC. | 501 Jefferson Davis Highway | Richmond | VA | 23224 | 3306001075 | ✓ |
| SERVICE ROOFING & SHEET METAL CO. | P O BOX 791 | Martinsville | VA | 24114 | 2701019220 | ✓ |
| SEVEN HILLS CONSTRUCTION, LLC. | 21430 Timberlake Road | Lynchburg | VA | 24502 | 2705154379 | ✓ |
| SHADDEAU ROOFING & CONST CORP. | 523 West 25TH Street | Norfolk | VA | 23517 | 2701022672 | ✓ |
| SHENCORP | 112 Meigs Lane | Dayton | VA | 22821 | 2701024189 | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|--|----------------|-------|----------|--|--|
| SIMPSON UNLIMITED | 11121 Industrial Road | Manassas | VA | 20109 | 2705148271 | ✓ |
| SKYLINE ROOFING INC & DESIGN METALS LLC | 2389 Grace Chapel Road | Rockingham | VA | 22801 | 2705135816 | ✓ |
| STATES ROOFING CORP. | 1215 St. Julian Ave | Norfolk | VA | 23504 | 2701028036 | ✓ |
| STILLWATER CONSTRUCTION GROUP | 10500 Leesburg Pike | Vienna | VA | 22182 | 2705126640 | ✓ |
| TST ROOFING | 7440 Central Business Park Dr. Ste 102 | Norfolk | VA | 23513 | Unavailable | ✓ |
| W.J. COUNCIL CONTRACTING | 288 Shirley Avenue | Deltaville | VA | 23043 | 705093211 | ✓ |
| WHITLEY/SERVICE ROOFING & SHEET | 2700 Goodes Bridge Road | Richmond | VA | 23224 | 2701036525 | ✓ |
| WILLARD L. COUNCIL ROOFING, INC. | 3213 Broad Rock Blvd | Richmond | VA | 23224 | 2701014077 | ✓ |
| ARK COMMERCIAL ROOFING | 11505 E. Trent Avenue | Spokane | WA | 99206 | ARKCORI002MJ | ✓ |
| BD ROOFING | 6509 Lakewood Drive West | Tacoma | WA | 98467 | BDROOAS011QW | ✓ |
| COBRA ROOFING SERVICE INC. | PO Box 19068 | Spokane | WA | 99219 | COBRARS0112P | ✓ |
| ICON CORP. | PO BOX 13403 | Spokane | WA | 99213 | Unavailable | ✓ |
| JIMMY'S ROOFING | 11401 E. Montgomery Dr., Ste 2 | Spokane Valley | WA | 99206 | JIMMYR*933LM | ✓ |
| KRUEGER SHEET METAL CO. | N. 731 Superior St. | Spokane | WA | 99202 | KRUEGSM35609 | ✓ |
| LESLIE & CAMPBELL INC. | 506 Ahtanum Road | Union Gap | WA | 98903 | LESLIC910PF | ✓ |
| MEYER BROTHERS ROOFING | 2301 Lincoln Ave. | Tacoma | WA | 98421 | MEYERBR142LL | ✓ |
| MG WAGNER CO | PO Box 9605 | Yakima | WA | 98908 | MGWAGC1141QG | ✓ |
| NATIONS ROOF NORTHWEST, LLC | 25514 74th Ave S | Kent | WA | 98032 | NATIORN877PJ | ✓ |
| PACIFIC RAINIER ROOFING | 21020 63rd Avenue West | Lynwood | WA | 98036 | PACIFRR248LC | ✓ |
| PACIFIC SHEET METAL | 111 South Spokane Street | Seattle | WA | 98134 | PACIFSM370NT | ✓ |
| PACIFIC TECH CONSTRUCTION, INC. | 1302 Walnut Street | Kelso | WA | 98626 | PACIFTC055NG | ✓ |
| REPAIR AND RESTORATION ROOFING SOLUTION INC. | 6602 E. Homestead Avenue | Tacoma | WA | 98404 | REPAIRR831JQ | ✓ |
| SPOKANE ROOFING | 130 E. Sprague Avenue | Spokane | WA | 99202 | SPOKARC960PA | ✓ |
| TRI-STAR ROOFING | PO Box 237 | Ravensdale | WA | 98051 | TRISTRI022DB | ✓ |
| V & R ROOFING | 2920 South Cushman Avenue | Tacoma | WA | 98409 | Unavailable | ✓ |
| WAYNE'S ROOFING, INC. | 13105 Houston Road | Sumner | WA | 98390 | WAYNESR205Q5 | ✓ |
| WRIGHT ROOFING | P O Box 9339 | Tacoma | WA | 98490 | WRIGHRI174QZ | ✓ |
| BANKS ROOFING | 2519 N. 28th St | Superior | WI | 54880 | No state licensing for roofing/ general contracting in WI. | ✓ |
| CARLSON RACINE ROOFING & SHEET META | 2401 Eaton Lane | Racine | WI | 53404 | | ✓ |
| COMMERCIAL ROOFING, INC. | 2300 Maple Drive | Plover | WI | 54467 | | ✓ |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|---|---------------------------|------------------|-------|----------|--|--|
| COMMERCIAL WEATHERPROOFING SERVICE, INC. | 12600 Robin Lane | Brookfield | WI | 53005 | No state licensing for roofing/ general contracting in WI. | ✓ |
| CUDAHY ROOFING CO. | PO Box 525 | Cudahy | WI | 53110 | | ✓ |
| CUSTOFOAM CORPORATION | N4929 State Rd 58 | Maustom | WI | 53948 | | ✓ |
| DYNAMIC ALLIANCE, LLC | 3906 Wood Ridge Trace | Wisconsin Rapids | WI | 54495 | | ✓ |
| E.D. CHASE CO., INC. | 5001 Green Valley Rd | Oshkosh | WI | 54904 | | ✓ |
| ELMER'S ROOFING SERVICE | 209 W. Bath St. | Hortonville | WI | 54944 | | ✓ |
| FJA CHRISTIANSEN ROOFING CO.. | 2101 West Purdue Street | Milwaukee | WI | 53209 | | ✓ |
| GARY BROWN ROOFING CORP. | 4227 Triangle Street | Mcfarland | WI | 53558 | | ✓ |
| INSULATION TECHNOLOGIES, INC. DBA INTEC | 321 N. 25th Street | Milwaukee | WI | 53233 | | ✓ |
| INTERSTATE ROOFING | N-5544 Commerce Rd | Onalaska | WI | 54650 | | ✓ |
| J.T. ROOFING INC. | 350 Tower Drive | Saukville | WI | 53080 | | ✓ |
| KULP'S OF STRATFORD, LLC | P O Box 147 | Stratford | WI | 54484 | | ✓ |
| LAKEWOOD ROOFING | PO Box 15 | Winnebago | WI | 54985 | | ✓ |
| LANGER ROOFING & SHEET MTL | 345 S Curtis Rd | Milwaukee | WI | 53214 | | ✓ |
| LEDEGAR ROOFING CO. | 1701 Miller Street | La Crosse | WI | 54601 | | ✓ |
| LEDEGAR ROOFING CO., INC.- SAP USE# 6021833 | PO Box 754 | Lacrosse | WI | 54602 | | ✓ |
| MAURER'S ROOFING CO | PO Box 98 | Marshfield | WI | 54449 | | ✓ |
| MIDWESTERN ROOFING & CONSTRUCTION | PO Box 100323 | Milwaukee | WI | 53210 | | ✓ |
| NORTHEASTERN ROOFING INC. | 230 Morrow Street | Seymour | WI | 54165 | | ✓ |
| NORTHERN METAL & ROOFING | 320 Packerland Dr | Green Bay | WI | 54303 | | ✓ |
| OSHKOSH INDUSTRIAL ROOFING & SHEET METAL, LLC | PO Box 1 | Winnebago | WI | 54985 | ✓ | |
| PHD ROOF DOCTORS, INC. | 340 S. Milwaukee St. | Fredonia | WI | 53021 | ✓ | |
| PIONEER ROOFING INC | 151 Maple Street | Johnson Creek | WI | 53038 | ✓ | |
| PRO-TECH SERVICES, INC. | PO Box 161 | Somers | WI | 53171 | ✓ | |
| QUALITY ROOFING INC. | 1507 Laemie Street | Marshfield | WI | 54449 | ✓ | |
| R DURANSO & SON | S 81 & W 18510 Gemini Dr. | Muskego | WI | 53150 | ✓ | |
| RENOCO, LLC | 318 Lake Kegonsa Road | Oregon | WI | 53575 | ✓ | |
| SCHAUS ROOFING & MECHANICAL | 2901 Calumet Avenue | Manitowoc | WI | 54220 | ✓ | |
| SCHRANZ ROOFING INC. | PO Box 09168 | Milwaukee | WI | 53209 | ✓ | |
| SOUTHERN WISCONSIN ROOFING | 902 Watson Avenue | Madison | WI | 53713 | ✓ | |
| THE PENEBAKER ENTERPRISES | 2233 North 30th Street | Milwaukee | WI | 53208 | ✓ | |
| TILSEN ROOFING COMPANY INC | 1421 Gilson Street | Madison | WI | 53715 | ✓ | |
| WALSDORF ROOFING COMPANY | W 325 County Highway | Kiel | WI | 53042 | ✓ | |
| WENGER CONSTRUCTION, INC. | N2293 Hwy 45 | Campbellsport | WI | 53010 | ✓ | |



10. Submittal and Substantiating Documentation

| Name | Address | City | State | Zip Code | State License No. | >3 years of experience and trained/certified by roofing manufacturer for type of system/warranty |
|--|---|---------------|-------|----------|---|--|
| WINDING ROOFING | 6410 W. River Pkwy | Milwaukee | WI | 53213 | No state | ✓ |
| WOODRUFF ROOFING CONTRACTORS, INC. | 279 Forest Avenue | Fond Du Lac | WI | 54936 | licensing for roofing/ general contracting in WI. | ✓ |
| BOGGS ROOFING INC | 320 West 15th Street | Huntington | WV | 25776 | WV003858 | ✓ |
| CABELL SHEET METAL & ROOFING, INC. | 5089 Route 60 | Ceredo | WV | 25507 | WV000233 | ✓ |
| HARRIS BROTHERS ROOFING, INC | 1518 Hansford Street | Charleston | WV | 25311 | WV000232 | ✓ |
| HERITAGE ROOFING INC. | 925 Mid Atlantic Parkway | Martinsburg | WV | 25404 | WV036202 | ✓ |
| KALKREUTH ROOFING & SHEET METAL | 53-14th Street | Wheeling | WV | 26003 | WV000246 | ✓ |
| KENT WELDING, INC | 1387 Chesterville Road | Mineral Wells | WV | 26150 | WV047246 | ✓ |
| MECKLENBURG ROOFING & SHEET METAL CO. OF WV, LLC | 4270 Woodrum Lane | Charleston | WV | 35301 | WV057647 | ✓ |
| MURRAY'S SHEET METAL CO. INC. | 3112 7th St | Parkersburg | WV | 26104 | WV000006 | ✓ |
| NATIONAL ROOF COATERS, LLC | 179 Business Park Drive | Kenna | WV | 25248 | Unavailable | ✓ |
| PAR ROOFING, INC. | 543 Washington Ave | Huntington | WV | 25704 | WV002970 | ✓ |
| SOUTHEASTERN ROOFING CO. | Route 10 | Pineville | WV | 24874 | Unavailable | ✓ |
| TRI STATE ROOFING & SHEET METAL | 10 Davisville Road | Davisville | WV | 26142 | WV004542 | ✓ |
| TRI-STATE ROOFING & SHEET METAL COMPANY OF MARYLAND | 221 Plum Run Road | Ridgeley | WV | 26753 | WV053077 | ✓ |
| TRI-STATE ROOFING & SHEET METAL COMPANY OF WEST VIRGINIA | Rock Branch Industrial Park, Stone Street | Charleston | WV | 25234 | WV000104 | ✓ |

Although WTI does not have current subcontractors located in WY, WTI recently hired a new Sales Representative in Wyoming to pursue additional work under the AEPA contract. Led by this Sales Representative, WTI will perform outreach efforts throughout WY to add experienced, reputable subcontractors to our resource pool.



10. Submittal and Substantiating Documentation

10.1.2 MANUFACTURER AUTHORIZATION LETTERS

10.1.4 MAJOR PRODUCT COMPONENT SPECIFICATIONS AND SDS

10.1.3 INDEPENDENT LABORATORY REPORTS

10.1.7 SAMPLE WARRANTIES



10. Submittal and Substantiating Documentation

10.2.2 SUBMIT DOCUMENTATION AND EVIDENCE THAT THE PRODUCTS PROPOSED AND SERVICES OFFERED IN RESPONSE TO THIS SOLICITATION HAVE BEEN DELIVERED, INSTALLED AND SUPPORTED IN ALL OF THE AEPA MEMBER STATES THAT HAVE INDICATED AN INTEREST IN PARTICIPATING IN THIS AEPA CONTRACT, IF APPROVED.

10.2.2.1 For each of the states indicating an interest provided in Part C of this solicitation, list one (1) project performed which was completed within the last year, two (2) years and three (3) years ago, for a total of three projects per state. WTI is submitting evidence that we have delivered, installed and supported roofing and protective products and services in all of the AEPA member states, as summarized in **Table 10-6**, below. Per the requirements, we have provided one project completed within the last year, two years and three years ago for a total of three projects per state as according to the timelines below.

- Project 1 was performed in the last year from proposal submission date (10/19 - 9/20)
- Project 2 was performed within the last two years from proposal submission date (10/18 - 09/19)
- Project 3 was performed within the last three years from proposal submission date (10/17 - 09/18)

Table 10-6. Summary of projects (three per state) as evidence of our experience delivering, installing and supporting proposed products and services in AEPA member states.

| Project Title | State | Completion Date |
|--|-------|-----------------|
| 1. Façade Restoration, Animal Control Facility, Olivehurst, CA, \$40,424 | CA | 01/31/20 |
| 2. Roof Maintenance and Repairs, University of California San Diego (UCSD) Medical Center, San Diego, CA, \$64,500 | CA | 03/01/19 |
| 3. Restorative Coating System, Scripps Hospital, Chula Vista, CA, \$137,850 | CA | 08/20/18 |
| 1. Ritz Carlton – Bachelor Gulch Parking Garage Phase 2, Avon, CO, \$92,545 | CO | 08/03/20 |
| 2. Rehab Hospital of Colorado Springs, CO, Colorado Springs, CO, \$7,422 | CO | 08/19/19 |
| 3. Colorado State University – Student Services Building, Colorado Springs, CO, \$16,442 | CO | 01/18/18 |
| 1. Patch and Repair Services, Edna & Woodside School, Cromwell, CT, \$10,031 | CT | 01/31/20 |
| 2. Patch and Repair Services, Somers Public Schools, Somers, CT, \$7,645 | CT | 08/27/19 |
| 3. Patch and Repair Services, Black Rock Senior Center, City of Bridgeport, CT, \$112,200 | CT | 09/28/18 |
| 1. Roof Restoration, Duval County Public Schools Windy Hill, Jacksonville, FL, \$299,654 | FL | 04/30/20 |
| 2. Roof Restoration, Fernandina Beach Peck Gymnasium, City of Fernandina Beach, FL, \$149,905 | FL | 03/31/19 |
| 3. Roof Repair, School Board of Clay County, Green Cove Springs, FL, \$62,748 | FL | 02/15/18 |
| 1. Roof Repair, Waresboro Elementary School, Waresboro, GA, \$160,000 | GA | 07/09/20 |
| 2. Roof Renovation and Restoration, Georgia Gwinnett College Building C, Roofs C-G, Lawrenceville, GA, \$95,437 | GA | 09/15/19 |
| 3. Roof Renovation and Restoration, Hughston Clinic, Columbus, GA, \$184,000 | GA | 06/01/18 |
| 1. Roof Restoration, Chester East Lincoln Elementary School, Lincoln, IL, \$262,278 | IL | 05/19/20 |
| 2. Roof Restoration, Belleville Area Special Services, Belleville, IL, \$188,412 | IL | 08/09/19 |
| 3. Roof Replacement, Medxcel – Alexian Brothers Medical Center Rehab, Elk Grove Village, IL, \$556,480 | IL | 06/08/18 |
| 1. Roof Renovation and Restoration, Keihin Indiana Precision Technology, Greenfield, IN, \$132,406 | IN | 10/30/19 |
| 2. Roof Renovation and Restoration, Eastern Howard School District, Greentown, IN, \$1,364,036 | IN | 11/16/18 |
| 3. Roof Renovation and Restoration, Frankton-Lapel School District, Lapel, IN, \$550,000 | IN | 10/28/17 |



10. Submittal and Substantiating Documentation

| Project Title | State | Completion Date |
|--|-------|-----------------|
| 1. Roof Renovation and Restoration, Cambrex MC 1, Charles City, IA, \$67,967 | IA | 01/15/20 |
| 2. Roof Replacement, Zoetis, Charles City, IA, \$934,500 | IA | 12/11/18 |
| 3. Insulation, Kamerick Art Building, University of Northern Iowa, Cedar Falls, IA, \$92,250 | IA | 07/18/18 |
| 1. New Roof Construction, Gloria Willis Middle School, Kansas City, KS, \$1,678,000 | KS | 05/18/20 |
| 2. Roof Restoration, Southeast Junior High School, Roof 1, Cherokee, KS, \$68,913 | KS | 08/23/19 |
| 3. Roof Replacement, Grant Elementary School, Kansas City, KS \$503,616 | KS | 06/30/18 |
| 1. Repair to Expansion Joints, Western Kentucky University (WKU) Diddle Arena, Bowling Green, KY, \$64,432 | KY | 05/26/20 |
| 2. Roof Restoration, Warren County Public Schools, Bowling Green, KY, \$35,936 | KY | 09/01/19 |
| 3. Roof Renovation and Restoration, Warren County Public Schools, Bowling Green, KY, \$244,987 | KY | 09/01/18 |
| 1. Roof Restoration, Clark Lab Complex South Wing, Woods Hole, MA, \$149,870 | MA | 05/31/20 |
| 2. Patch and Repair Services, Carey Building Complex, Wellesley Hills, MA, \$11,781 | MA | 02/12/19 |
| 3. Patch and Repair Services, Case High School, Swansea, MA, \$29,750 | MA | 05/29/18 |
| 1. Roof Renovation and Restoration, Borgess Pipp Hospital, Plainwell, MI, \$277,738 | MI | 06/30/20 |
| 2. Roof Restoration, Andrews University Burman Hall, Berrian Springs, MI, \$42,326 | MI | 06/18/19 |
| 3. Roof Renovation and Restoration, Jackson College, Jackson, MI, \$115,894 | MI | 06/28/18 |
| 1. Roof Replacement, Bertha-Hewitt Schools Independent School District (ISD) #0786, Bertha, MN, \$1,500,000 | MN | 11/14/19 |
| 2. Roof Renovation and Restoration, Osseo Maple Grove Middle School, Maple Grove, MN, \$191,510 | MN | 09/04/19 |
| 3. Roof Renovation and Restoration, Park Center Senior High School, Brooklyn Park, MN, \$890,385 | MN | 11/10/17 |
| 1. Roof Restorations and Replacements, City of Florissant, Florissant, MO, \$1,918,599 | MO | 02/27/20 |
| 2. Roof Replacement, Gateway Stem High School, St. Louis, MO, \$204,872 | MO | 09/12/19 |
| 3. Roof Restoration, Washington Middle School, Washington, MO, \$997,717 | MO | 07/27/18 |
| 1. Roof Restoration, Cut Bank High School, Cut Bank, MT, \$168,860 | MT | 08/21/20 |
| 2. Roof Repairs for Roofs L and O, Roofing Services for Roof O, Chester-Joplin-Inverness Public Schools, Chester, MT, \$22,870 | MT | 04/17/14 |
| 3. Roof Repairs for Roofs J and N, Roofing Services for Roofs A-I, K-N and P, Chester-Joplin-Inverness Public Schools, Chester, MT, \$78,896 | MT | 08/29/13 |
| 1. Roof Replacement, Cavendish Farms Inc., Jamestown, ND, \$434,670 | ND | 11/26/19 |
| 2. Roof Replacement, City of Fargo, Fargo, ND, \$50,000 | ND | 04/24/19 |
| 3. Roof Replacement, Cavendish Farms Inc., Jamestown, ND, \$400,000 | ND | 08/09/18 |
| 1. Roofing Materials, High School Library, Cozad, NE, \$43,926 | NE | 04/28/20 |
| 2. Roofing Materials, Elwood Public Schools, Elwood, NE, \$163,786 | NE | 09/07/19 |
| 3. Roof Replacement, Shelton High School, Shelton, NE, \$513,250 | NE | 04/18/18 |
| 1. Roof Overlay, North Warren Regional High School, Blairstown, NJ, \$862,037 | NJ | 05/29/20 |
| 2. Roof Replacement, Warren County Technical School, Washington, NJ, \$279,587 | NJ | 07/10/19 |
| 3. Roof Replacement, Ann Mullen Middle School, Blackwood, NJ, \$4,769,099 | NJ | 07/11/18 |
| 1. Roof Renovation and Restoration, Lake Arthur Schools, Lake Arthur, NM, \$155,398 | NM | 06/25/20 |
| 2. Roof Replacement, Roof Sections 10/11, University of New Mexico Hospital, Albuquerque, NM, \$810,278 | NM | 06/26/19 |
| 3. Roof Renovation and Restoration, University of New Mexico Hospital (UNMH) Section 7-5, 9A-9C, 10A1-10A4, 10B and 12, Albuquerque, NM, \$1,498,941 | NM | 01/16/18 |



10. Submittal and Substantiating Documentation

| Project Title | State | Completion Date |
|---|-------|------------------------|
| 1. Roof Replacement, Hayes High School Auxiliary Gym, Delaware, OH, \$399,830 | OH | 07/28/20 |
| 2. Roof Replacement, Burbank Early Childhood School, Upper Arlington City Schools, Upper Arlington, OH, \$593,128 | OH | 08/21/19 |
| 3. Roof Replacement, Dominion Middle School, Columbus, OH, \$901,794 | OH | 11/20/17 |
| 1. Roof Restoration, Hermiston High School, Hermiston, OR, \$1,699,089 | OR | 06/15/20 |
| 2. Roof Repairs, Glendale Elementary/High School, Glendale, OR, \$105,654 | OR | 10/29/18 |
| 3. Roof Replacement and Restoration, HB Lee Middle School and Davis Elementary School, Portland, OR, \$2,148,979 | OR | 04/25/18 |
| 1. Roof Replacement and Masonry Repairs, Merion Elementary School, Merion, PA, \$1,217,179 | PA | 07/30/20 |
| 2. Roof Replacement, Merion Elementary School, Merion Station, PA, \$1,076,343 | PA | 09/18/19 |
| 3. Roof Restoration, Mifflinburg High School, Mifflinburg, PA, \$166,731 | PA | 08/31/18 |
| 1. Roof Restoration, Schneider Electric Square D, Seneca, SC, \$930,270 | SC | 07/01/20 |
| 2. New Built Up Roof, Roper St. Francis Hospital, Charleston, SC, \$119,857 | SC | 08/30/19 |
| 3. Roof Replacement and Repairs, Pamplico High School, Pamplico, SC, \$268,999 | SC | 09/01/18 |
| 1. Metal Roof Restoration, Valley International Airport Terminal Building Roofs D1 & D1 Lower, Harlingen, TX, \$709,988 | TX | 06/19/20 |
| 2. Roof Replacement, Seton Highland Lakes Hospital - Medxcel, Burnet, TX, \$838,440 | TX | 03/08/19 |
| 3. Roofing and Sheet Metal Flashing Replacement, Missouri City Community Center, Missouri City, TX, \$655,879 | TX | 05/30/18 |
| 1. Roof Repair, Virginia Commonwealth University (VCU), Richmond, VA, \$24,446 | VA | 07/30/20 |
| 2. Roof Seam Repairs, Encompass Health Rehabilitation Hospital of Northern Virginia, Aldie, VA, \$56,669 | VA | 09/17/19 |
| 3. Roof Restoration, Middle Peninsula Regional Security Center Main Building Roofs A-E, Saluda, VA, \$148,588 | VA | 07/31/18 |
| 1. Roof Restoration and Shingle Replacement, Medina Elementary School, Medina, WA, \$619,634 | WA | 07/31/20 |
| 2. RoofTec and Roof Repairs, Richland Public Library, City of Richland, WA, \$418,563 | WA | 09/30/19 |
| 3. Roof Renovation and Restoration, Gig Harbor High School, Gig Harbor, WA, \$721,397 | WA | 11/30/17 |
| 1. Roof Replacement, Ocean Spray Cranberries, Inc. Wisconsin Rapids, WI, \$600,000 | WI | 04/23/20 |
| 2. Roof Replacement, Aurora Healthcare, Oshkosh, WI, \$645,203 | WI | 09/17/19 |
| 3. Roof Replacement, Medxcel – St. Elizabeth Hospital Roofs 12, 13 and 14, Appleton, WI, \$471,384 | WI | 09/24/18 |
| 1. Roofing Services, West Virginia University, Morgantown, WV, \$136,331 | WV | 06/01/20 |
| 2. Roofing Repair Services, Encompass Health Rehabilitation Hospital of Huntington, Huntington, WV, \$6,293 | WV | 03/19/19 |
| 3. Warranty, Healthsouth Rehabilitation Hospital of Huntington, Huntington, WV, \$9,559 | WV | 05/11/18 |
| 1. Roofing Services, Francis E. Warren Air Force Base (F.E. Warren AFB) - Building 1151 – Roofs A and B, Cheyenne, WY, \$30,025 | WY | 09/11/12 – 09/10/32 |
| 2. Roofing Services, F. E. Warren AFB – Building 1506, Cheyenne, WY, \$22,681 | WY | 07/17/12 – 07/16/32 |
| 3. Roofing Services, Astoria Properties – Aspen Medical Center, Rock Springs, WY, \$6,504 | WY | 03/31/18 |



10. Submittal and Substantiating Documentation

1. FACADE RESTORATION, ANIMAL CONTROL FACILITY, OLIVEHURST, CA
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for a façade restoration of 3,100 SF at the County Animal Control Facility using SolarGard Hy-Build (H.B.). This community building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|----------------|
| Project cost: | \$40,424 |
| Size: | 3,100 SF |
| Type of roof or protective coating: | SolarGard H.B. |
| Completion date: | 01/31/20 |

The manufacturer's product used for each project listed.

- SolarGard® Acrylic Sealer
- SolarGard® H.B.

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | County of Yuma – Animal Control |
| Address: | 5245 Feather River Blvd Olivehurst, CA 95961 |
| Phone number: | (530) 682-8745 |
| Contact person's name: | Pat Thomas |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

2. ROOF MAINTENANCE AND REPAIRS, UCSD MEDICAL CENTER, SAN DIEGO, CA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a variety of roof-top maintenance and repairs at UCSD Medical Center at the Post Anesthesia Care Unit/Labor/Delivery areas using a variety of Tremco products (listed below). The building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a standard workmanship warranty.

| | |
|--|----------------------------------|
| Project cost: | \$64,500 |
| Size: | Work areas varied by repair type |
| Type of roof or protective coating: | Solargard® 6083, Ice Coating |
| Completion date: | 03/01/19 |

The manufacturer's product used for each project listed.

- Solargard® 6083
- Ice Coating
- Solargard® Seam Sealer
- TremSEAL® Pro
- TremLastic S

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | UCSD Health System |
| Address: | 200 West Arbor Drive San Diego, CA 92103 |
| Phone number: | (858) 657-7000 |
| Contact person's name: | Roger Dickinson |
| Contact person's title: | Facilities Supervisor/Engineer |



10. Submittal and Substantiating Documentation

3. RESTORATIVE COATING SYSTEM, SCRIPPS HOSPITAL, CHULA VISTA, CA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-restoration services for a 114,000-SF Restorative Coating System at Scripps Hospital, Chula Vista using AlphaGuard® Si 100. The building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|----------------|
| Project cost: | \$137,850 |
| Size: | 114,000 SF |
| Type of roof or protective coating: | AlphaGuard® Si |
| Completion date: | 08/20/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® Si 100 Coating
- AlphaGuard® Si 100 Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---------------------------------------|
| Institution's name: | Scripps Hospital, Chula Vista |
| Address: | 435 H Street Chula Vista, CA 91910 |
| Phone number: | (619) 691-7000 |
| Contact person's name: | Gail Kindred |
| Contact person's title: | Facilities Manager |



10. Submittal and Substantiating Documentation

1. RITZ CARLTON – BACHELOR GULCH PARKING GARAGE PHASE 2, AVON, CO
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for Phase 2 of a Parking Garage Restoration for the Ritz Carlton on a 2,300-SF roof. This parking garage was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of the garage occupants and vehicles with little or minimal impact to on-going operations.

| | |
|--|----------------------------|
| Project cost: | \$92,545 |
| Size: | 2,300 SF |
| Type of roof or protective coating: | Parking Garage Restoration |
| Completion date: | 08/03/20 |

The manufacturer's product used for each project listed.

- Primer #171
- 350 Base Coat
- 950 Intermediate Coat
- 951 Top Coat

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Ritz Carlton – Bachelor Gulch |
| Address: | 1030 Daybreak Ridge Road Avon, CO 81620 |
| Phone number: | (970) 748-6200 |
| Contact person's name: | Jasen Brown |
| Contact person's title: | Facility Director |



10. Submittal and Substantiating Documentation

2. REHAB HOSPITAL OF COLORADO SPRINGS, COLORADO SPRINGS, CO
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided repair services of existing roofing for the Rehab Hospital of Colorado Springs. Existing materials were removed from coping joints, coping joints were cleaned, sealant and reinforcement at coping joints were applied and a top coat was installed to blend into existing coping. The building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|-------------------------------------|
| Project cost: | \$7,422 |
| Size: | N/A (Repairs) |
| Type of roof or protective coating: | Geogard® materials used for repairs |
| Completion date: | 8/19/19 |

The manufacturer's product used for each project listed.

- Geogard® Seam Sealer
- Geogard® Coating
- TremSEAL® Pro
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--------------------------------------|
| Institution's name: | Rehab Hospital of Colorado Springs |
| Address: | 325 Parkside Colorado Springs, CO |
| Phone number: | (720) 630-2307 |
| Contact person's name: | Art Vigil |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

3. COLORADO STATE UNIVERSITY – STUDENT SERVICES BUILDING, COLORADO SPRINGS, CO
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roofing materials, including the membrane and all membrane accessories, for a new 3,500-SF, 60-Mil TPA roof installation for Colorado State University. The building was occupied during performance, whereby WTI implemented strict policies and procedures for delivery to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon completion, Tremco provided a 20-year QA Warranty.

| | |
|--|---------------------------|
| Project cost: Materials | \$16,442 |
| Size: | 3,500 SF |
| Type of roof or protective coating: | TPA 60-Mil Roofing System |
| Completion date: | 01/18/18 |

The manufacturer's product used for each project listed.

- TPA 60 Mil Field Sheet
- TPA 60 Mil Perimeter Sheet
- TPA Prefabricated Vent Pipe Large and Small Boots
- TPA Prefabricated Universal Corners
- TPA Coated Metal
- TPA Single Ply Bonding Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Colorado State University – Student Services Building |
| Address: | 1420 Austin Bluffs Parkway Colorado Springs, CO 80918 |
| Phone number: | (970) 491-6444 |
| Contact person's name: | Steve Carmer |
| Contact person's title: | Building Facilities Services |



10. Submittal and Substantiating Documentation

1. PATCH AND REPAIR SERVICES, EDNA AND WOODSIDE SCHOOL, CROMWELL, CT
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the removal and installation of safety equipment for an existing 12,000-SF roof at Edna and Woodside School for the Cromwell Board of Education. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|------------------|
| Project cost: | \$10,031 |
| Size: | 12,000 SF |
| Type of roof or protective coating: | Safety Equipment |
| Completion date: | 01/31/20 |

The manufacturer's product used for each project listed.

- Dynaround Hatch Guard
- Fibergrate Safety Equipment

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---------------------------------------|
| Institution's name: | Edna and Woodside School |
| Address: | 25 Court Street Cromwell, CT 06416 |
| Phone number: | (860) 632-4866 |
| Contact person's name: | Lynne McKenney |
| Contact person's title: | Facilities Manager |



10. Submittal and Substantiating Documentation

2. PATCH AND REPAIR SERVICES, SOMERS PUBLIC SCHOOLS, SOMERS, CT
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the repair of portions of an existing 32,000-SF EPDM roof for Somers Public Schools using an AlphaGuard® BIO Fluid Applied Roof System. The project area was power washed and primed, followed by the installation of AlphaGuard® Base Coat, Fabric and Top Coat. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---|
| Project cost: | \$7,645 |
| Size: | 750 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof System |
| Completion date: | 08/27/19 |

The manufacturer's product used for each project listed.

- AlphaGuard® WB Primer
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Permafab

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Somers Public Schools |
| Address: | 1 Visions Boulevard Somers, CT 06017 |
| Phone number: | (860) 749-2270 |
| Contact person's name: | Jim MacFeat |
| Contact person's title: | Supervisor of Building & Grounds |



10. Submittal and Substantiating Documentation

3. PATCH AND REPAIR SERVICES, BLACK ROCK SENIOR CENTER, CITY OF BRIDGEPORT, CT
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the repair of an existing 5,500-SF roof at Black Rock Senior Center for the City of Bridgeport, CT using a TPA Roofing System and installed new polyisocyanurate insulation, cover board and a TPA single-ply membrane. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|--------------------|
| Project cost: | \$112,200 |
| Size: | 5,500 SF |
| Type of roof or protective coating: | TPA Roofing System |
| Completion date: | 09/28/18 |

The manufacturer's product used for each project listed.

- Polyisocyanurate (Hunter Panels)
- DensDeck®
- Tremco TPA Roofing System

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Black Rock Senior Center |
| Address: | 2676 Fairfield Avenue Bridgeport, CT 06605 |
| Phone number: | (508) 575-1197 |
| Contact person's name: | Nicholas Masciangelo |
| Contact person's title: | Construction Manager |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION, DUVAL COUNTY PUBLIC SCHOOLS WINDY HILL, JACKSONVILLE, FL
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-restoration services for the complete renovation and restoration of an existing 3,000-LF roof for Duval County Public Schools Windy Hill using a Tremco AlphaGuard® BIO Restoration System. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 12-year QA Warranty.

| | |
|--|------------------------------------|
| Project cost: | \$299,654 |
| Size: | 3,000 LF |
| Type of roof or protective coating: | Tremco AlphaGuard® BIO Restoration |
| Completion date: | 04/30/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Permafab Polyester Fabric
- Rust-Oleum Paint

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Duval County Public Schools Windy Hill |
| Address: | 1701 Prudential Drive Jacksonville FL 32224 |
| Phone number: | (904) 627-8749 |
| Contact person's name: | Mitch Roberts |
| Contact person's title: | Roofing and Construction Technician |



10. Submittal and Substantiating Documentation

2. ROOF RESTORATION, FERNANDINA BEACH PECK GYMNASIUM, CITY OF FERNANDINA BEACH, FL
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-restoration services for the complete renovation and restoration of an existing roof at Fernandina Beach Peck Gymnasium for the City of Fernandina Beach using a Tremco AlphaGuard® BIO Restoration System. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---|
| Project cost: | \$149,905 |
| Size: | N/A |
| Type of roof or protective coating: | Tremco AlphaGuard® BIO Restoration System |
| Completion date: | 03/31/19 |

The manufacturer's product used for each project listed.

- BURmastic® Composite Ply HT
- POWERply™ Endure BIO Adhesive
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- AlphaGuard® M-Prime
- Permafab Polyester Fabric
- TremSEAL® Pro

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | City of Fernandina Beach |
| Address: | 1017 South 5th Street Fernandina Beach FL 32034 |
| Phone number: | (904) 310-3314 |
| Contact person's name: | Jeremiah Glisson |
| Contact person's title: | Facilities Director |



10. Submittal and Substantiating Documentation

3. ROOF REPAIR, SCHOOL BOARD OF CLAY COUNTY, GREEN COVE SPRINGS, FL
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI performed roofing repairs of an existing roof for the School Board of Clay County using POWERply®, BURmastic® Composite Ply and AlphaGuard® BIO roofing. Due to the fact that this project was performed during the school year, WTI implemented strict policies and procedures to ensure the overall safety of school administrators, staff and students.

| | |
|--|--|
| Project cost: | \$62,748 |
| Size: | N/A |
| Type of roof or protective coating: | POWERply®, BURmastic® Composite Ply and AlphaGuard® BIO Roofing System |
| Completion date: | 02/15/18 |

The manufacturer's product used for each project listed.

- POWERply®
- BURmastic® Composite Ply
- AlphaGuard® BIO Base or Top Coat

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | School Board of Clay County |
| Address: | 900 Walnut Street Green Cove Springs, FL 32043 |
| Phone number: | (904) 336-6536 |
| Contact person's name: | Jeremiah Glisson |
| Contact person's title: | Facilities Director |



10. Submittal and Substantiating Documentation

1. ROOF REPAIR, WARESBORO ELEMENTARY SCHOOL, WARESBORO, GA
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-repair services for an existing 54,500-SF Gravel Surfaced BUR for the Wares County School District at Waresboro Elementary School. The scope of work was developed after the WTI diagnostics team performed a nuclear survey of the existing roof construction which was completed to determine the amounts of wet insulation in the system. Approximately 4,800 SF of the existing insulation was found wet and needing replacement, calculating to less than 9%, while the remaining was determined in good and serviceable condition. WTI performed the repairs needed to bring the roof up to warrantable conditions. This educational facility was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. After completion of the repairs, Tremco issued a 5-year Warranty Renewal for this school's roof. The client also opted for the Tremcare Gold maintenance agreement.

Project cost: \$160,000
Size: 54,500 SF
Type of roof or protective coating: Gravel BUR
Completion date: 07/09/20

The manufacturer's product used for each project listed.

- BURmastic® Composite Ply HT
- Burmastic® Adhesive
- TREMprime™ QD
- ELS™
- BURmesh®
- POLYroof® LV
- Low Rise Foam Insulation Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: Wares County School District
Address: 3379 West Church Street
Waresboro, GA 31503
Phone number: (912) 283-8656
Contact person's name: Robert Benchoff
Contact person's title: Director of Maintenance



10. Submittal and Substantiating Documentation

2. ROOF RENOVATION AND RESTORATION, GEORGIA GWINNETT COLLEGE BUILDING C, ROOFS C-G, LAWRENCEVILLE, GA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 11,200-SF Modified Bitumen roof for Georgia Gwinnett College Building C using the Geogard Restoration roofing system. This educational facility was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 12-year QA Plus Warranty.

| | |
|--|----------------------------|
| Project cost: | \$95,437 |
| Size: | 11,200 SF |
| Type of roof or protective coating: | Geogard Restoration System |
| Completion date: | 09/15/19 |

The manufacturer's product used for each project listed.

- Geogard® LO Base Coat
- Geogard® Finish Coat
- Permafab Polyester Fabric
- Geogard® Primer
- Tremseal Pro

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Georgia Gwinnett College |
| Address: | 1000 University Center Lane Lawrenceville, GA 30043 |
| Phone number: | (678) 407-5853 |
| Contact person's name: | Tim Torma |
| Contact person's title: | Associate Director of Facilities |



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, HUGHSTON CLINIC, COLUMBUS, GA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 10,500-SF Modified Bitumen roof for Hughston Clinic using the AlphaGuard BIO Fully Reinforced Restoration roofing system. This medical facility was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$184,000 |
| Size: | 10,500 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration |
| Completion date: | 06/01/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer
- Tremseal Pro

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Hughston Clinic |
| Address: | 6262 Veterans Parkway Columbus, GA 31904 |
| Phone number: | (706) 324-6661 |
| Contact person's name: | Caleb Kelley |
| Contact person's title: | Facilities Manager |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION, CHESTER EAST LINCOLN ELEMENTARY SCHOOL, LINCOLN, IL
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete roof restoration of an existing 24,070-SF roof at Chester East Lincoln Elementary School, Roofs B1, B2 and the Gymnasium, using an AlphaGuard® BIO Fluid Applied Roof System. This building was occupied during the performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA No Dollar Limit (NDL) Warranty.

| | |
|--|---|
| Project cost: | \$262,278 |
| Size: | 24,070 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof System |
| Completion date: | 05/19/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Chester East Lincoln School District |
| Address: | 1300 1500 th Street Lincoln, IL 62656 |
| Phone number: | (217) 732-4136 |
| Contact person's name: | Randy Ely |
| Contact person's title: | Director of Maintenance |



10. Submittal and Substantiating Documentation

2. ROOF RESTORATION, BELLEVILLE AREA SPECIAL SERVICES, BELLEVILLE, IL
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided general-contracting services for the complete restoration of an existing 15,200-SF roof for the Belleville Area Special Services using an AlphaGuard® BIO Fluid Applied Roof Restoration roofing system. This building was partially occupied during the performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|--|
| Project cost: | \$188,412 |
| Size: | 15,200 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration |
| Completion date: | 08/09/19 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Belleville Area Special Services |
| Address: | 2411 Pathways Crossing Belleville, IL 62221 |
| Phone number: | (618) 355-4786 |
| Contact person's name: | Brian Arterberry |
| Contact person's title: | Chief School Business Official |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, MEDXCEL - ALEXIAN BROTHERS MEDICAL CENTER REHAB, ELK GROVE VILLAGE, IL
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-replacement services for the complete renovation and restoration of an existing 22,000-SF roof for Medxcel - Alexian Brothers Rehab using a POWERply® APP FR roofing system. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus warranty.

| | |
|--|------------------|
| Project cost: | \$556,480 |
| Size: | 22,000 SF |
| Type of roof or protective coating: | POWERply® APP FR |
| Completion date: | 06/08/18 |

The manufacturer's product used for each project listed.

- POWERply® APP FR

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Medxcel – Alexian Brothers Rehab |
| Address: | 935 Beisner Road Elk Grove Village, IL 60007 |
| Phone number: | (781) 771-0982 |
| Contact person's name: | Dan Collins |
| Contact person's title: | National Director of Infrastructure Program |



10. Submittal and Substantiating Documentation

1. ROOF RENOVATION AND RESTORATION, KEIHIN INDIANA PRECISION TECHNOLOGY, GREENFIELD, IN (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided self-performing services for the complete renovation and restoration of an existing 15,200-SF roof for Keihin Indiana Precision Technology using a Geogard® Fluid Applied Roof Restoration System and a Solargard® 6083 Metal Roof Restoration System. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 12-year QA Warranty.

| | |
|--|---|
| Project cost: | \$132,406 |
| Size: | 15,200 SF |
| Type of roof or protective coating: | Geogard® Fluid Applied Roof Restoration and Solargard® 6083 |
| Completion date: | 10/30/19 |

The manufacturer's product used for each project listed.

- Solargard® Rust Primer
- Solargard® 6083 Base Coat
- Solargard® 6083 Top Coat
- Solargard® Seam Sealer
- Permafab Polyester Fabric
- Geogard® LO Base Coat
- Geogard® Finish Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Keihin Indiana Precision Technology |
| Address: | 400 West New Road Greenfield, IN 46140 |
| Phone number: | (317) 462-3015 Ext. 4191 |
| Contact person's name: | Ben Ammerman |
| Contact person's title: | Facility Maintenance Coordinator |



10. Submittal and Substantiating Documentation

2. ROOF RENOVATION AND RESTORATION, EASTERN HOWARD SCHOOL DISTRICT, GREENTOWN, IN
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided self-performing services for the complete renovation and restoration of an existing 150,700-SF roof for Eastern Howard School District using an AlphaGuard® BIO Fluid Applied Roof Restoration System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$1,364,036 |
| Size: | 150,700 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration |
| Completion date: | 11/16/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Eastern Howard School District |
| Address: | 308 S Harrison St. Greentown, IN 46936 |
| Phone number: | (765) 734-1261 |
| Contact person's name: | John Bearden |
| Contact person's title: | Maintenance Director |



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, FRANKTON-LAPEL SCHOOL DISTRICT, LAPEL IN
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided self-performing services for the complete renovation and restoration of an existing 64,100-SF roof for Frankton-Lapel School District using an AlphaGuard® BIO Fluid Applied Roof Restoration System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$550,000 |
| Size: | 64,100 SF |
| Type of roof or protective coating: | AlphaGuard® Bio Fluid Applied Roof Restoration |
| Completion date: | 10/28/17 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|----------------------------------|
| Institution's name: | Frankton-Lapel School District |
| Address: | 2865 S. SR 13 Lapel, IN 46051 |
| Phone number: | (765) 734-1261 |
| Contact person's name: | Sterling Boles |
| Contact person's title: | Assistant Superintendent |



10. Submittal and Substantiating Documentation

1. ROOF RENOVATION AND RESTORATION, CAMBEX MC 1, CHARLES CITY, IA
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 984-SF roof for Cambrex MC 1 in Charles City using a TremPly® KEE FB Fully Adhered Roof Replacement system. Although this mechanical building was unoccupied during performance, WTI still implemented strict policies and procedures to ensure overall job-site safety. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$67,967 |
| Size: | 984 SF |
| Type of roof or protective coating: | TremPly® KEE FB Fully Adhered Roof Replacement |
| Completion date: | 01/15/20 |

The manufacturer's product used for each project listed.

- TremPly® KEE
- TremPly® KEE FB
- TPA Coated Metal
- TPA Prefabricated Universal Corners
- TremPly® KEE LV Bonding Adhesive
- TremPly® KEE T-Joint Covers
- Tremco Low Rise Foam Insulation Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Cambrex Charles City, Inc. |
| Address: | 1205 11 th Street Charles City, IA 50616 |
| Phone number: | (641) 257-5442 |
| Contact person's name: | Scott Niles |
| Contact person's title: | Maintenance Superintendent |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, ZOETIS, CHARLES CITY, IA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roofing services for the complete replacement of an existing 39,500-SF roof for Zoetis using an TPA Fleece Back roofing system. Although this building was unoccupied during performance, WTI still implemented strict policies and procedures to ensure overall job-site safety. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|-----------------|
| Project cost: | \$934,500 |
| Size: | 39,500 SF |
| Type of roof or protective coating: | TPA Fleece Back |
| Completion date: | 12/11/18 |

The manufacturer's product used for each project listed.

- TPA Fleeced Back

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Zoetis |
| Address: | 2000 Rockford Road Charles City, IA 50616 |
| Phone number: | (641) 257-2422 |
| Contact person's name: | Veronica Alfaro |
| Contact person's title: | Procurement Specialist |



10. Submittal and Substantiating Documentation

3. INSULATION, KAMERICK ART BUILDING, UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS, IA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided insulation materials for this replacement project of 28,840 SF.

Project cost: \$92,250
Size: 28,840 SF
Type of roof or protective coating: WTI provided insulation materials for this project
Completion date: 07/18/18

The manufacturer's product used for each project listed.

- Low Rise Foam Insulation Adhesive
- Tremco/GP Gypsum Dens-Deck®
- Tapered Insulation Kit

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: University of Northern Iowa, - Kamerick Art Building
Address: 1601 West 27th Street
Cedar Falls, IA 50614
Phone number: (319) 273-2162
Contact person's name: Sharon F. Cordes
Contact person's title: Facilities Planning Department



10. Submittal and Substantiating Documentation

1. NEW ROOF CONSTRUCTION, GLORIA WILLIS MIDDLE SCHOOL, KANSAS CITY, KS
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the new construction of an 83,000-SF roof, Roofs 1-9, at Gloria Willis Middle School for Kanas City Public Schools, using a BURmastic® 100 Roof System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA+ NDL Warranty.

| | |
|--|----------------------------|
| Project cost: | \$1,678,000 |
| Size: | 83,300 SF |
| Type of roof or protective coating: | BURmastic® 100 Roof System |
| Completion date: | 05/18/20 |

The manufacturer's product used for each project listed.

- Tremco BURmastic® 100 Roof System

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Kansas City Public Schools |
| Address: | 2220 North 59 th Street Kansas City, KS 66102 |
| Phone number: | (913) 627-3863 |
| Contact person's name: | Doug Clements |
| Contact person's title: | Director of Physical Properties |



10. Submittal and Substantiating Documentation

2. ROOF RESTORATION, SOUTHEAST JUNIOR HIGH SCHOOL, ROOF 1, CHEROKEE, KS
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the restoration of an existing 5,500-SF roof using an AlphaGuard® MT Fluid Applied Roof Restoration System. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 25-year QA Plus Warranty.

| | |
|--|---|
| Project cost: | \$68,913 |
| Size: | 5,500 SF |
| Type of roof or protective coating: | AlphaGuard® MT Fluid Applied Roof Restoration |
| Completion date: | 08/23/19 |

The manufacturer's product used for each project listed.

- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® MT Base Coat
- AlphaGuard® MT Top Coat

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Unified School District #247 – Southeast Junior High School |
| Address: | 206 West Magnolia Cherokee, KS 66724 |
| Phone number: | (620) 457-8350 |
| Contact person's name: | Brad Miner |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, GRANT ELEMENTARY SCHOOL, KANSAS CITY, KS
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roofing services for the replacement of an existing 11,600-SF roof at Grant Elementary School for Kansas Public Schools using a THERMglass™ Type IV roofing system. Although this school was unoccupied during performance, WTI still implemented strict policies and procedures to ensure overall job-site safety. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|---------------------|
| Project cost: | \$503,616 |
| Size: | 11,600 SF |
| Type of roof or protective coating: | THERMglass™ Type IV |
| Completion date: | 06/30/18 |

The manufacturer's product used for each project listed.

- THERMglass™ Type IV

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Kansas Public Schools |
| Address: | 2010 North 59 th Street Kansas City, KS 66104 |
| Phone number: | (913) 627-4300 |
| Contact person's name: | Heather Calvert |
| Contact person's title: | Principal |



10. Submittal and Substantiating Documentation

1. REPAIR TO EXPANSION JOINTS, WKU DIDDLE ARENA, BOWLING GREEN, KY (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for repairs to six expansion joints, approximately 140 LF each, for WKU Diddle Area using asphalt based POWERply® roll goods and Solargard® 6083 Acrylic Elastomeric Coatings. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, a 3-year Roofing Contractor Warranty was provided on the expansion joints that were repaired.

| | |
|--|---|
| Project cost: | \$64,432 |
| Size: | 1,680 SF |
| Type of roof or protective coating: | POWERply® Endure Sheets and Solargard® 6083 |
| Completion date: | 05/26/20 |

The manufacturer's product used for each project listed.

- TREMprime WB
- BURmesh®
- POLYroof®
- BURmastic® Composite Ply HT
- POWERply® Standard FR
- TRA Elastomeric Sheeting
- Solargard® 6083

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Western Kentucky University |
| Address: | 1605 Avenue of the Champions Bowling Green, KY 42101 |
| Phone number: | (270) 745-5824 |
| Contact person's name: | Dan Uhls |
| Contact person's title: | Director of Maintenance |



10. Submittal and Substantiating Documentation

2. ROOF RESTORATION, WARREN COUNTY PUBLIC SCHOOLS, BOWLING GREEN, KY
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for roof restoration of the 3,600-SF Geo Center using Geogard® coatings. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|------------------------------------|
| Project cost: | \$35,936 |
| Size: | 3,600 SF |
| Type of roof or protective coating: | Geogard® Base Coat and Finish Coat |
| Completion date: | 09/01/19 |

The manufacturer's product used for each project listed.

- Geogard® LO Base Coat
- Geogard® Finish Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Warren County Public Schools |
| Address: | 509 Morgantown Road Bowling Green, KY 42104 |
| Phone number: | (270) 842-0702 |
| Contact person's name: | Bobby Brooks |
| Contact person's title: | Director of Maintenance |



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, WARREN COUNTY PUBLIC SCHOOLS, BOWLING GREEN, KY
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 17,000-SF roof for Rich Pond Elementary School. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 15-year QA Plus Warranty.

| | |
|--|--------------------------|
| Project cost: | \$244,987 |
| Size: | 17,000/SF |
| Type of roof or protective coating: | Geogard® and AlphaGuard® |
| Completion date: | 09/01/18 |

The manufacturer's product used for each project listed.

- Geogard® LO Base Coat
- Geogard® Finish Coat
- Geogard® Primer
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Warren County Public Schools |
| Address: | 530 Rich Pond Road Bowling Green, KY 42104 |
| Phone number: | (270) 781-5150 |
| Contact person's name: | Chris McIntyre |
| Contact person's title: | Director of Maintenance |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION, CLARK LAB COMPLEX SOUTH WING, WOODS HOLE, MA (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the complete restoration of an existing 10,200 SF EPDM roof for Clark Lab Complex, using an AlphaGuard® BIO Fluid Applied Roof Restoration roofing system. WTI power washed the entire roof, disassembled and reassembled the existing wood railing and installed AlphaGuard Bio fully reinforced system. This laboratory was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$149,870 |
| Size: | 10,200 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration |
| Completion date: | 05/31/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Woods Hole Oceanographic Institute |
| Address: | 360 Woods Hole Road Woods Hole, MA 02543 |
| Phone number: | (774) 836-0606 |
| Contact person's name: | Dave Derosier |
| Contact person's title: | Facility Director |



10. Submittal and Substantiating Documentation

2. PATCH AND REPAIR SERVICES, CAREY BUILDING COMPLEX, WELLESLEY HILLS, MA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the repair of an existing 9,600-SF roof for the Carey Building Complex at the Massachusetts Bay Community College using a BURmesh® Roofing System where column stubs were flashed and infilled. This community college building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---------------------------------------|
| Project cost: | \$11,781 |
| Size: | 7,500 SF |
| Type of roof or protective coating: | BURmesh® Roof System, TRA Roof System |
| Completion date: | 02/12/19 |

The manufacturer's product used for each project listed.

- TRA Elastomeric Sheeting
- ELS™
- BURmesh®

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Massachusetts Bay Community College |
| Address: | 50 Oakland Street Wellesley Hills, MA 02481 |
| Phone number: | (603) 948-3422 |
| Contact person's name: | Brent Trombly |
| Contact person's title: | Facility Manager |



10. Submittal and Substantiating Documentation

3. PATCH AND REPAIR SERVICES, CASE HIGH SCHOOL, SWANSEA, MA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the repair of an existing 14,000-SF roof for Case High School using a PVC Roof System. Wet insulation was removed and replaced in kind and a new PVC membrane was heat welded over newly installed Polyisocyanurate. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|--------------------|
| Project cost: | \$29,750 |
| Size: | 300 SF |
| Type of roof or protective coating: | PVC Roofing System |
| Completion date: | 05/29/18 |

The manufacturer's product used for each project listed.

- Carlisle PVC
- Hunter Panels Polyisocyanurate

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---------------------------------------|
| Institution's name: | Case High School |
| Address: | 20 School Street Swansea, MA 02777 |
| Phone number: | (508) 675-1195 |
| Contact person's name: | Ms. Randi Arruda |
| Contact person's title: | Supervisor of Building and Grounds |



10. Submittal and Substantiating Documentation

1. ROOF RENOVATION AND RESTORATION, BORGESS PIPP HOSPITAL, PLAINWELL, MI
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided self-performing services for the complete renovation and restoration of an existing 23,977-SF roof for Borgess Pipp Hospital using an AlphaGuard® BIO Liquid Applied Roof Restoration System. This hospital was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants and patients with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$277,739 |
| Size: | 23,977 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Liquid Applied Restoration |
| Completion date: | 06/30/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|----------------------------------|
| Institution's name: | Borgess Pipp Hospital |
| Address: | 411 Naomi Plainwell, MI 49080 |
| Phone number: | (269) 348-2081 |
| Contact person's name: | Jay Bartells |
| Contact person's title: | Maintenance Engineer |



10. Submittal and Substantiating Documentation

2. ROOF RESTORATION, ANDREWS UNIVERSITY BURMAN HALL, BERRIAN SPRINGS MI
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided self-performing services for the restoration of an existing 9,950 SF granulated silicone covered roof for Andrews University Burman Hall using an AlphaGuard® Si-70 Roof Restoration System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 12-year QA Warranty.

| | |
|--|--|
| Project cost: | \$42,326 |
| Size: | 9,950 SF |
| Type of roof or protective coating: | AlphaGuard® Si-70 Fluid Applied Roof Restoration |
| Completion date: | 06/18/19 |

The manufacturer's product used for each project listed.

- AlphaGuard® Si-70
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Andrews University Burman Hall |
| Address: | 8975 Old 31 Berrian Springs, MI 49104 |
| Phone number: | (240) 727-6033 |
| Contact person's name: | Jamie Wright |
| Contact person's title: | Maintenance Supervisor |



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, JACKSON COLLEGE, JACKSON, MI
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided self-performing services for the complete renovation and restoration of an existing five-roof section (2-6) totally adhered EPDM roof, a total of 20,500 SF for Jackson College using an AlphaGuard® BIO Liquid Applied Roof Restoration System. This college was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 15-year QA Warranty.

| | |
|--|---|
| Project cost: | \$115,894 |
| Size: | 20,500 SF |
| Type of roof or protective coating: | AlphaGuard® Bio Liquid Applied Roof Restoration |
| Completion date: | 06/28/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--------------------------------------|
| Institution's name: | Jackson College |
| Address: | 3000 Blake Road Jackson, MI 49201 |
| Phone number: | (517) 879-8251 |
| Contact person's name: | Jason Valente |
| Contact person's title: | Maintenance Supervisor |



10. Submittal and Substantiating Documentation

1. ROOF REPLACEMENT, BERTHA-HEWITT SCHOOLS ISD #0786, BERTHA, MN
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the complete reroofing of 11 existing roof areas, totaling 74,200 SF, for the Bertha-Hewitt Schools ISD #0786 using a BUR Therm 100 Roofing System. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 30-year QA Warranty.

| | |
|--|------------------------------|
| Project cost: | \$1,500,000 |
| Size: | 74,200 SF |
| Type of roof or protective coating: | BUR Therm 100 Roofing System |
| Completion date: | 11/14/19 |

The manufacturer's product used for each project listed.

- Tremco THERMglass™ Type IV
- TRA Elastomeric Sheeting
- Premium III
- ELS™

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Bertha-Hewitt Schools ISD #0786 |
| Address: | 310 Central Avenue Bertha, MN 56437 |
| Phone number: | (218) 924-2000 |
| Contact person's name: | Erik Koep |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

2. ROOF RENOVATION AND RESTORATION, OSSEO MAPLE GROVE MIDDLE SCHOOL, MAPLE GROVE, MN (COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 9,558-SF roof at Osseo Maple Grove Middle School for Osseo Area Schools / School District #279 using a BUR Therm 100 Roofing System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|------------------------------|
| Project cost: | \$191,510 |
| Size: | 9,558 SF |
| Type of roof or protective coating: | BUR Therm 100 Roofing System |
| Completion date: | 09/04/19 |

The manufacturer's product used for each project listed.

- Alumanation® 301
- BURmastic® Composite Ply Premium
- BURmesh® 4"
- BURmesh® 6" x 300'
- ELS™ 2 Gal
- ELS™ 5 Gal
- POWERply® HE FR - White Granule
- Premium III™ Pak-Free Asphalt
- THERMastic™ 80 Adhesive
- THERMglass™ Premium Type IV
- THERMglass™ Type IV
- Tremco Water Block Sealant
- Tremco/Blue Ridge Fiberboard Structodek HD Primed Red
- Flatstock Metal Sheets
- Trisotech® Tapered Kit (Custom)

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Osseo Area Schools /SD #279 |
| Address: | 11200 93rd Avenue North Maple Grove, MN 55369 |
| Phone number: | (763) 391-7279 |
| Contact person's name: | Dale Calstrom |
| Contact person's title: | Director of Facilities and Transportation Operations |



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, PARK CENTER SENIOR HIGH SCHOOL, BROOKLYN PARK, MN
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 48,591-SF roof at Park Center Senior High School for ISD #279 using a BUR Roof Replacement System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|----------------------|
| Project cost: | \$890,385 |
| Size: | 48,591 SF |
| Type of roof or protective coating: | BUR Roof Replacement |
| Completion date: | 11/10/17 |

The manufacturer's product used for each project listed.

- BURmastic® Composite Ply Premium
- BURmesh®
- ELS™
- POLYroof® LV
- POWERply® HE FR - White Granule
- Premium III™ Pak-Free Asphalt
- THERMastic®
- THERMglass™ Premium Type IV
- Tremco/GP Gypsum Dens-Deck®
- Tremco/Blue Ridge Fiberboard Structodek HD Primed Red
- Trisotech Insulation
- Flatstock Metal Sheets

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | ISD #279 |
| Address: | 11200 93rd Avenue North Maple Grove, MN 55369 |
| Phone number: | (763) 391-7279 |
| Contact person's name: | Dale Carlstrom |
| Contact person's title: | Director of Facilities and Transportation Operations |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATIONS AND REPLACEMENTS, CITY OF FLORISSANT, FLORISSANT, MO (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided general-contracting services for the complete roof restoration and replacement on multiple buildings totaling 79,100 SF and including masonry repairs for the City of Florissant. This was completed by using an AlphaGuard® BIO Fluid Applied Roof Restoration, Geogard® Fluid Applied Roof Restoration, Standing Seam Metal and TPA Fleece Back Single Ply and TPO Single Ply Roofing Systems. These buildings were occupied during the performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided multiple 20-year QA Plus Warranties for each system installed.

| | |
|--|--|
| Project cost: | \$1,918,599 |
| Size: | 79,100 SF (combined buildings) |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration Geogard® Fluid Applied Roof System TremLock® VP Metal Roof System TPA Fleece Back Single Ply Roof System TPO Fleece Back Single Ply Roof System |
| Completion date: | 02/27/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer
- Geogard® Base Coat
- Geogard® Finish Coat
- TremLock® Metal and accessories
- TPA Fleece Back Membrane and Accessories
- TremPly® TPO Membrane and Accessories

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | City of Florissant |
| Address: | 955 St. Francois Street Florissant, MO 63031 |
| Phone number: | (314) 921-5700 |
| Contact person's name: | Todd Hughes |
| Contact person's title: | Director of Public Works and Health |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, GATEWAY STEM HIGH SCHOOL, ST. LOUIS, MO
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided general-contracting services for the complete roof replacement of a 7,600-SF section of the school building for the Gateway Stem High School using a Multiply Modified Bitumen Roofing System. These buildings were partially occupied during the performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty for the system installed.

| | |
|--|---------------------------------|
| Project cost: | \$204,872 |
| Size: | 7,600 SF |
| Type of roof or protective coating: | Modified Bitumen Roofing System |
| Completion date: | 09/12/19 |

The manufacturer's product used for each project listed.

- POWERply® HD Base Sheet
- POWERply® Plus HT FR
- POWERply® Standard Cold Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | St. Louis Public Schools |
| Address: | 3416 Cook Avenue St. Louis, MO 63106 |
| Phone number: | (314) 535-2500 |
| Contact person's name: | Roger CayCe |
| Contact person's title: | Deputy Superintendent of Operations/Building Commissioner |



10. Submittal and Substantiating Documentation

3. ROOF RESTORATION, WASHINGTON MIDDLE SCHOOL, WASHINGTON, MO
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI was responsible for restoring an existing 21,623-SF roof for Washington Middle School using a Solargard® roofing system. Existing roofing, insulation, flashing and sheet metal were removed and new insulation was installed. Multi-Ply BUR and MB roofing was applied and new metal details were installed. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|------------|
| Project cost: | \$997,717 |
| Size: | 21,623 SF |
| Type of roof or protective coating: | Solargard® |
| Completion date: | 07/27/18 |

The manufacturer's product used for each project listed.

- BURmastic® Adhesive LV
- BURmastic® Composite Ply
- BURmesh®
- ELS™
- PowerPly® HE FR Plus
- Thermastic 80 Adhesive
- ThermGlass™ Type IV
- TREMprime™ WB
- TremSEAL® Pro
- Trem-Tred®
- Trisotech® Tapered Insulation
- Blue Ridge Fiberboard Structodek®

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | School District of Washington |
| Address: | 401 East 14th Street Washington, MO 63090 |
| Phone number: | (636) 231-2050 |
| Contact person's name: | Kevin Hunewill |
| Contact person's title: | Director of Buildings and Grounds |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION, CUT BANK HIGH SCHOOL, CUT BANK, MT
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 32,112-SF roof for the Cut Bank High School using an AlphaGuard® BIO Fluid Applied Roof Restoration System. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$168,860 |
| Size: | 32,112 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration |
| Completion date: | 08/21/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Cut Bank School District 15 |
| Address: | 101 Third Avenue SE Cut Bank, MT 59427 |
| Phone number: | (406) 873-2229 |
| Contact person's name: | Linsey Milender |
| Contact person's title: | Business Manager |



10. Submittal and Substantiating Documentation

2. ROOF REPAIRS FOR ROOFS L AND O, ROOFING SERVICES FOR ROOF O, CHESTER-JOPLIN-INVERNESS PUBLIC SCHOOLS, CHESTER, MT WITHIN THE LAST YEAR, WTI HAS RE-ESTABLISHED A PRESENCE IN MONTANA AND IS ACTIVELY SEEKING PROJECTS

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided repairs and a TremCare® Maintenance Agreement for this 7,500-SF roofing project for the Chester-Joplin-Inverness Public Schools. This school was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

Project cost: \$22,870
Size: 7,500 SF
Type of roof or protective coating: Roof Repairs and a TremCare® Maintenance Agreement
Completion date: 04/17/14*

*Older project used for past performance. No work performed in MT between 10/18 and 09/19.

The manufacturer's product used for each project listed.

- Ice Coating
- Tremco SP Primer
- Geogard® Base Coat (formerly titled SRC Base Coat)
- Geogard® Finish Coat (formerly titled SRC Finish Coat)
- Permafab Polyester Fabric (formerly titled SRC Polyester Reinforcement)
- TREMprime™ WB

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: Chester-Joplin-Inverness Public Schools
Address: Corner of School and Main
Chester, MT 59522
Phone number: (406) 949-5916
Contact person's name: C J Maska
Contact person's title: Facilities and Maintenance Supervisor



10. Submittal and Substantiating Documentation

**3. ROOF REPAIRS FOR ROOFS J AND N, ROOFING SERVICES FOR ROOFS A-I, K-N AND P,
CHESTER-JOPLIN-INVERNESS PUBLIC SCHOOLS, CHESTER, MT
WITHIN THE LAST YEAR, WTI HAS RE-ESTABLISHED A PRESENCE IN MONTANA AND IS ACTIVELY SEEKING PROJECTS**

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI performed repairs and provided a roof replacement and TremCare® Maintenance Agreement for this 63,843-SF project for the Chester-Joplin-Inverness Public Schools. This school was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon the roof replacement completion, Tremco provided a 10-year QA Plus Warranty.

Project cost: \$78,896
Size: 63,843 SF
Type of roof or protective coating: Roof Replacement with a TPA Roofing System
Repairs with an ICE Roof Coating System and a TremCare® Maintenance Agreement
Completion date: 8/29/13*

*Older project used for past performance. No work performed in MT between 10/17 and 09/18.

The manufacturer's product used for each project listed.

- Ice Coating
- Tremco SP Primer
- TPA Fleece Back
- Fleeced Back WB Single Ply Bonding Adhesive
- TPA Coated Metal

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: Chester-Joplin-Inverness Public Schools
Address: Corner of School and Main
Chester, MT 59522
Phone number: (406) 949-5916
Contact person's name: C J Maska
Contact person's title: Facilities and Maintenance Supervisor



10. Submittal and Substantiating Documentation

1. ROOF REPLACEMENT, CAVENDISH FARMS INC., JAMESTOWN, ND
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the complete reroofing of an existing 24,000-SF roof for Cavendish Farms, Inc. on their West Wing Roof 4 using a TPA Fleece Back Single Ply Roofing System. This warehouse building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 25-year QA NDL Warranty.

| | |
|--|--|
| Project cost: | \$434,670 |
| Size: | 24,000 SF |
| Type of roof or protective coating: | Tremco Fleece Back Single Ply Roof Membrane System |
| Completion date: | 11/26/19 |

The manufacturer's product used for each project listed.

- Tremco TPA Membrane

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Cavendish Farms, Inc. |
| Address: | 5855 3 rd Street, S.E. Jamestown, ND 58401 |
| Phone number: | (701) 252-5222 |
| Contact person's name: | Ben Strukel |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, CITY OF FARGO, FARGO, ND
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the complete reroofing of the Civic Center Parking Garage, Ramps A and B, totaling 3,580 SF for the City of Fargo using the TPA Single Ply Roofing System. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|-------------------------------------|
| Project cost: | \$50,000 |
| Size: | 3,580 SF |
| Type of roof or protective coating: | TPA Single Ply Membrane Roof System |
| Completion date: | 04/24/19 |

The manufacturer's product used for each project listed.

- TPA Single Ply Membrane

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | City of Fargo |
| Address: | 207 4 th Street North Fargo, ND 58102 |
| Phone number: | (701) 241-1476 |
| Contact person's name: | Jim Gilmour |
| Contact person's title: | Director of Strategic Planning and Research |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, CAVENDISH FARMS INC., JAMESTOWN, ND
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the complete reroofing of an existing 64,000-SF roof for Cavendish Farms, Inc. using a TPA FB Single Ply Roof System. This warehouse building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|-------------------------------|
| Project cost: | \$400,000 |
| Size: | 64,000 SF |
| Type of roof or protective coating: | TPA FB Single Ply Roof System |
| Completion date: | 08/09/18 |

The manufacturer's product used for each project listed.

- TremPly® Max TPO FB Single Ply Roofing System

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Cavendish Farms, Inc. |
| Address: | 5855 3 rd Street, S.E. Jamestown, ND 58401 |
| Phone number: | (701) 252-5222 |
| Contact person's name: | Ben Strukel |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

1. ROOFING MATERIALS, HIGH SCHOOL LIBRARY, COZAD, NE
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided materials for completion of this roofing project at the high school library in the Cozad City Schools District. The roofing system installed was a BURmastic® Multi-Ply Roofing System.

Project cost: \$43,926
Size: 3,900 SF
Type of roof or protective coating: BURmastic® Multi-Ply Roofing System.
Completion date: 04/28/20

The manufacturer's product used for each project listed.

- BURmastic® Supreme Composite Ply350
- THERMglass™ Premium VI
- THERMastic® 80 Adhesive
- BURmastic® Adhesive
- TRA Elastomeric Sheeting
- POLYroof® SF
- Alumanation® 301
- ELS™
- BURmesh®
- TREMprime™ WB
- Trisotech® Insulation
- Tremco/USG Securock®
- TremLock®

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: County of Dayson – Cozad City Schools District 011
Address: 1701 Meridian Ave
Cozad, NE 69130
Phone number: (308) 784-2745
Contact person's name: Ron Wymore
Contact person's title: Superintendent



10. Submittal and Substantiating Documentation

2. ROOFING MATERIALS, ELWOOD PUBLIC SCHOOLS, ELWOOD, NE
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided materials for completion of this roofing project for Elwood Public Schools. The roofing system installed was a BURmastic® Multi-Ply Roofing System.

| | |
|--|-------------------------------------|
| Project cost: | \$163,786 |
| Size: | 17,055 SF |
| Type of roof or protective coating: | BURmastic® Multi-Ply Roofing System |
| Completion date: | 09/07/19 |

The manufacturer's product used for each project listed.

- BURmastic® Supreme Composite Ply350
- BURmastic® Adhesive
- BURmesh®
- ELS™
- POLYroof® SF
- THERMastic® 80 Adhesive
- THERMglass™ Premium VI
- TRA Elastomeric Sheeting
- Tremprime™ WB
- Trem-Tred®
- Metal Flatstock
- Tremco/USG Securock®
- Trisotech® Tapered Insulation
- Metal Skylights – in two sizes

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Elwood Public Schools |
| Address: | 502 1 st Ave Elwood, NE 68937 |
| Phone number: | (308) 655-1093 |
| Contact person's name: | Daren Hatch |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, SHELTON HIGH SCHOOL, SHELTON, NE
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the reroofing of an existing 50,000-SF roof for Shelton High School, Roof Sections A, AA1, D and H, using TPO Single Ply Roofing System. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 15-year QA Warranty.

| | |
|--|----------------------------|
| Project cost: | \$513,250 |
| Size: | 50,000 SF |
| Type of roof or protective coating: | TPO Single Ply Roof System |
| Completion date: | 04/18/18 |

The manufacturer's product used for each project listed.

- TPO Field Sheet
- TPO Perimeter Sheet
- TPO Unreinforced Sheet
- TPO Pipe Boots Large and Small
- TPO LV Bonding Adhesive
- TPO Coated Metal
- TPO Isoweld Plates
- TPO Isoweld Disks
- Roxul Board
- Trisotech® Insulation
- TremLock® Fascia
- Geogard® LO Base Coat
- Geogard® Finish Coat
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Shelton Public School District |
| Address: | 210 9 th Street Shelton, NE 68876 |
| Phone number: | (308) 647-6558 |
| Contact person's name: | Brian Gegg |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

1. ROOF OVERLAY, NORTH WARREN REGIONAL HIGH SCHOOL, BLAIRSTOWN, NJ (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a turn-key solution for a roof overlay project consisting of 36,000 SF of roofing for the North Warren Regional Board of Education using a cold applied .060 TPA FB Roof System. This school building was partially occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|--------------------------|
| Project cost: | \$862,037 |
| Size: | 36,000 SF |
| Type of roof or protective coating: | Cold Applied .060 TPA FB |
| Completion date: | 05/29/20 |

The manufacturer's product used for each project listed.

- Tremco Low Rise Foam Insulation Adhesive
- TPA Fleeced-Back Single Ply Membrane
- TPA Single Ply Bonding Adhesive
- TPA Prefabricated Universal Corners
- TPA Walkway Roll
- Tremco Water Block Sealant
- TremFlash Tape
- Trisotech® Insulation
- Tremco Dens-Deck®
- TremSEAL® Pitch Pocket Sealer
- Fibergrate Ladder and Wall Mount
- Fibergrate Walk Thru Kit
- Fibergrate Hatch Guard
- TPA 60 Mil Perimeter Sheet
- TPA LV Single Ply Bonding Adhesive
- Reglet Joint
- TPA Coated Metal

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | North Warren Regional Board of Education |
| Address: | 10 Noe Road Blairstown, NJ 07825 |
| Phone number: | (908) 362-8211 |
| Contact person's name: | Mathew DeLaRosa |
| Contact person's title: | Buildings and Grounds Supervisor |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, WARREN COUNTY TECHNICAL SCHOOL, WASHINGTON, NJ
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for a roof replacement project installing a 10,000-SF MB Roofing System for the Warren County Technical School. This school building was partially occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|-------------------|
| Project cost: | \$279,587 |
| Size: | 10,000 SF |
| Type of roof or protective coating: | MB Roofing System |
| Completion date: | 07/10/19 |

The manufacturer's product used for each project listed.

- POWERply™ Plus HT FR
- BURmastic® Composite Ply HT
- Premium IV™ Asphalt Carton
- THERMglass™ Premium VI
- Trisotech® Tapered Insulation
- Alumanation®
- ELS™
- POLYroof® LV
- BURmesh®
- TremSEAL® Pro

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---------------------------------------|
| Institution's name: | Warren County Technical School |
| Address: | 1500 Route 57 Washington, NJ 07882 |
| Phone number: | (908) 689-0122 |
| Contact person's name: | Steve Daku |
| Contact person's title: | Facilities Manager |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, ANN MULLEN MIDDLE SCHOOL, BLACKWOOD, NJ
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI was responsible for replacing an existing 184,339-SF roof for Ann Mullen Middle School, Gloucester Township Board of Education using a TremLock® Slope Framing and TPA Fleece Back roofing system. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|---|
| Project cost: | \$4,769,099 |
| Size: | 184,339 SF |
| Type of roof or protective coating: | TremLock® Slope Framing and TPA Fleece Back |
| Completion date: | 07/11/18 |

The manufacturer's product used for each project listed.

- TremLock® Slope Framing System
- TPA Fleece-Back Single Ply Membrane

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Gloucester Township Board of Education |
| Address: | 17 Erial Road Blackwood, NJ 08012 |
| Phone number: | (856) 227-7688 |
| Contact person's name: | Sani Umar |
| Contact person's title: | Facilities Supervisor |



10. Submittal and Substantiating Documentation

1. ROOF RENOVATION AND RESTORATION, LAKE ARTHUR SCHOOLS, LAKE ARTHUR, NM
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 29,000-SF roof for Lake Arthur Schools using an Alumanation® 301 Coating System. This warehouse building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 12-year QA Warranty.

| | |
|--|------------------|
| Project cost: | \$155,398 |
| Size: | 29,000 SF |
| Type of roof or protective coating: | Alumanation® 301 |
| Completion date: | 06/25/20 |

The manufacturer's product used for each project listed.

- Alumanation® 301
- Solargard® Seam Sealer
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Lake Arthur Schools |
| Address: | 700 Broadway Street Lake Arthur, NM 88253 |
| Phone number: | (575) 910-2145 |
| Contact person's name: | Elisa Begueria |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, ROOF SECTIONS 10/11, UNIVERSITY OF NEW MEXICO HOSPITAL, ALBUQUERQUE, NM
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete tear off and replacement of an existing 12,000-SF roof for the University of New Mexico Hospital with a Tremco TPA Single Ply System. The building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

Project cost: \$810,279
Size: 12,000 SF
Type of roof or protective coating: TPA Fleeceback Single Ply Roofing System
Completion date: 06/26/19

The manufacturer's product used for each project listed.

- TPA Fleeced Back Single Ply Membrane
- TPA Fleeced Back WB Single Ply Bonding Adhesive
- Low Rise Foam Insulation Adhesive
- GeoGard® Seam Sealer
- TPA Walkway Roll

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: University of New Mexico Hospital
Address: 2211 Lomas Boulevard NE
Albuquerque, NM 87106
Phone number: (505) 417-2992
Contact person's name: Gene Hands
Contact person's title: Facilities Manager



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, UNMH SECTION 7-5, 9A-9C, 10A1-10A4, 10B AND 12, ALBUQUERQUE, NM
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the replacement of 25,366 SF of roofing on multiple sections for UNMH with a TPA Fleece Backed Roofing System. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|----------------------------------|
| Project cost: | \$1,498,941 |
| Size: | 25,366 SF |
| Type of roof or protective coating: | TPA Fleece Backed Roofing System |
| Completion date: | 01/16/18 |

The manufacturer's product used for each project listed.

- TPA Fleeced Back Single Ply Membrane
- TPA Unreinforced Flashing Membrane
- TPA Flashing Membrane
- TPA Prefabricated Vent Pipe Boots
- Fleeced Back WB Single Ply Bonding Adhesive
- TPA Prefabricated Universal Corners
- TPA Walkway Roll
- TREMprime™ WB
- BURmastic® Composite Ply HT
- BURmastic® Adhesive SF
- Low Rise Foam Insulation Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | University of New Mexico Hospital |
| Address: | 2211 Lomas Boulevard NE Albuquerque, NM 87106 |
| Phone number: | (505) 688-1540 |
| Contact person's name: | Steve Aragon |
| Contact person's title: | Facilities Supervisor |



10. Submittal and Substantiating Documentation

1. ROOF REPLACEMENT, HAYES HIGH SCHOOL AUXILIARY GYM, DELAWARE, OH
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided general-contracting services for the complete replacement of an existing 13,500-SF roof at Hayes High School Auxiliary Gym for Delaware City Schools using a 60 Mil TPA Fleece Back Single Ply Roofing System. This warehouse building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|--|
| Project cost: | \$399,830 |
| Size: | 13,500 SF |
| Type of roof or protective coating: | 60 Mil TPA Fleece Back Single Ply Roofing System |
| Completion date: | 07/28/20 |

The manufacturer's product used for each project listed.

- Low Rise Foam Insulation Adhesive BG
- TPA Unreinforced Flashing Membrane
- TPA Fleece Back Single Ply Membrane
- TPA Prefabricated Vent Pipe Boots
- TremPly® KEE FB WB Bonding Adhesive
- TPA Single Ply Bonding Adhesive
- TPA Prefabricated Universal Corners
- Trisotech Tapered Insulation Kit
- TremLock® Fascia
- TremSEAL® S
- Tremco 2.4 14 Barbed Seam Plates
- Tremco Fasteners and Discs
- Fastener 1410 Line 3" Screws
- Fastener 1410 Line 5" Screw
- TPA 45 Mil Cover Strip
- TPA 45 Mil Flashing

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Delaware City Schools |
| Address: | 74 West William Street Delaware, OH 43015 |
| Phone number: | (740) 272-1201 |
| Contact person's name: | George Harmon |
| Contact person's title: | Building and Grounds |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, BURBANK EARLY CHILDHOOD SCHOOL, UPPER ARLINGTON CITY SCHOOLS, UPPER ARLINGTON, OH (COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided general-contracting services for the complete replacement of an existing 21,200-SF roof at Burbank Early Childhood School for Upper Arlington City Schools using a 60 Mil TPA Fleece Back Single Ply Roofing System. This School building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|--|
| Project cost: | \$593,128 |
| Size: | 21,200 SF |
| Type of roof or protective coating: | 60 Mil TPA Fleece Back Single Ply Roofing System |
| Completion date: | 08/21/19 |

The manufacturer's product used for each project listed.

- Low Rise Foam Insulation Adhesive
- TPA 45 Mil Perimeter Sheet
- TPA 55 Mil Unreinforced Flashing Membrane
- TPA 60 Mil Fleece Back
- TPA Prefabricated Vent Pipe Boots
- Fleeced Back WB Single Ply Bonding Adhesive
- TPA LV Single Ply Bonding Adhesive
- TPA Prefabricated Universal Corners
- TPA 72 Mil Walkway Roll
- Trisotech Tapered Insulation Kit
- TremLock® EES Fascia

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Upper Arlington City Schools |
| Address: | 1950 North Mallway Drive Upper Arlington, OH 43221 |
| Phone number: | (614) 487-5007 |
| Contact person's name: | Chris Potts |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, DOMINION MIDDLE SCHOOL, COLUMBUS, OH
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided general-contracting services for the complete replacement of an existing 57,000-SF roof at Dominion Middle school for Columbus City Schools using a 45 Mil TPO Single Ply Roofing System. This school building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|--|
| Project cost: | \$901,794 |
| Size: | 57,000 SF |
| Type of roof or protective coating: | 45 Mil TPO Single Ply Roof Replacement |
| Completion date: | 11/20/17 |

The manufacturer's product used for each project listed.

- Alumanation® 301
- BURmastic® Glass Ply
- Tremco 2" Barbed Seam Plate
- Tremco Twin Loc-Nail 1.4" 500/CS
- TPO Single Ply Bonding Adhesive
- FB WB Single Ply Bonding Adhesive
- TremSEAL® Pro
- TPA Prefabricated Vent Pipe Boots
- TPO Prefabricated Universal Corners
- TPO Coated Metal
- TPO 45 Mil Perimeter Sheet
- TPO Cover Strip
- TPO 45 Mil Fleece Back Single Ply

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Columbus City Schools |
| Address: | 889 East 17th Avenue Columbus, OH 43211 |
| Phone number: | (614) 365-5188 |
| Contact person's name: | Warren Hubbard |
| Contact person's title: | Architect, Project Manager |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION, HERMISTON HIGH SCHOOL, HERMISTON, OR
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-restoration services of an existing 142,000-SF roof at Hermiston High School using an AlphaGuard® BIO Fluid Applied Roof Restoration System. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$1,699,089 |
| Size: | 142,000 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration |
| Completion date: | 06/15/20 |

The manufacturer's product used for each project listed.

- TremSEAL® Pro
- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- Geogard® Primer
- EPDM - TPO Single Ply Primer
- EPDM Semi-Cured Cover Tape

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|------------------------------------|
| Institution's name: | Hermiston School District |
| Address: | 305 SW 11th Hermiston, OR 97838 |
| Phone number: | (541) 720-8181 |
| Contact person's name: | Martie McQuuain |
| Contact person's title: | Facilities Supervisor |



10. Submittal and Substantiating Documentation

2. ROOF REPAIRS, GLENDALE ELEMENTARY/HIGH SCHOOL, GLENDALE, OR
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided patch and repair services for the elementary and high school of Glendale School District, including cleaning dirt and debris from gutters and roof surfaces, repairing metal edge flashing components, securing rooftop equipment, sealing exposed fasteners and voids in metal projections, termination bars and counter flashings, repairing splits and blisters, installing proper drain detailing, reinforcing all drain sump areas and coating all oxidized metal. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|------------------------------------|
| Project cost: | \$105,654 |
| Size: | Various repairs |
| Type of roof or protective coating: | Various repairs on various systems |
| Completion date: | 10/29/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® MT Base Coat
- AlphaGuard® MT Top Coat
- Alumanation® 301
- Aluminum Mastic
- BURmesh®
- Tremco SP Primer
- TremSEAL® S
- POWERply® Endure® BIO Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Glendale Elementary/High School - Glendale School District |
| Address: | 10598 Azalea Glen Road Glendale, OR 97442 |
| Phone number: | (541) 643-8624 |
| Contact person's name: | David Hanson |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT AND RESTORATION, HB LEE MIDDLE SCHOOL AND DAVIS ELEMENTARY SCHOOL, PORTLAND, OR
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for restorations and new roof installations on 174,554 SF for two schools in Reynolds School District #7. HB Lee Middle School consisted of an AlphaGuard® BIO Fluid Applied Roof Restoration and a T-138 Metal TremLock® Roofing System Installation. Davis Elementary School consisted of a T-138 Metal TremLock® Roofing System Installation, Built Up Roofing System Installation and an Ecolastic Roof Restoration. These school buildings were partially occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided 20-year QA Warranties on the AlphaGuard® BIO Fluid Applied Roof Restoration, T-138 Metal TremLock® Roofing System Installations and the Built Up Roofing System Installation. Tremco provided a 10-year QA Warranty on the Ecolastic Roof Restoration.

| | |
|--|---|
| Project cost: | \$2,148,979 |
| Size: | 174,554 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fluid Applied Roof Restoration T-138 Metal Tremlock Roofing Systems Built Up Roofing System Ecolastic Roof Restoration |
| Completion date: | 04/25/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- BURmastic® Composite Ply HT
- BURmastic® Adhesive SF
- TRA Elastomeric Sheeting
- POLYroof® SF
- T-138 Metal TremLock® Roofing Systems
- Ecolastic

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Reynolds School District #7 |
| Address: | 1204 NE 201 st Avenue Fairview, OR 97024-2499 |
| Phone number: | (503) 661-7200 |
| Contact person's name: | Dr. Danna Diaz |
| Contact person's title: | Superintendent |



10. Submittal and Substantiating Documentation

1. ROOF REPLACEMENT AND MASONRY REPAIRS, MERION ELEMENTARY SCHOOL, MERION, PA
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a turn-key solution for a 23,600-SF roof replacement and masonry repairs to conform with local historical requirements for Lower Merion School District using a synthetic slate shingle. This school building was partially occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided the manufacturer's warranty for the synthetic slate.

| | |
|--|----------------------------|
| Project cost: | \$1,217,179 |
| Size: | 23,600 SF |
| Type of roof or protective coating: | DaVinci Single-Width Slate |
| Completion date: | 07/30/20 |

The manufacturer's product used for each project listed.

- DaVinci Single-Width Slate

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Lower Merion School District |
| Address: | 301 East Montgomery Avenue Ardmore, PA 19003 |
| Phone number: | (610) 645-1980 |
| Contact person's name: | Ken Pitts |
| Contact person's title: | Assistant Director of Operations |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, MERION ELEMENTARY SCHOOL, MERION STATION, PA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a turn-key solution for a roof replacement project consisting of 27,881 SF of roofing for the Lower Merion School District using a hot applied .060 TPA FB roof system. This school building was partially occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Plus Warranty.

| | |
|--|-------------------------|
| Project cost: | \$1,076,343 |
| Size: | 27,881 SF |
| Type of roof or protective coating: | Hot Applied .060 TPA FB |
| Completion date: | 09/18/19 |

The manufacturer's product used for each project listed.

- BURmastic® Composite Ply HT
- ELS™
- TPA 45 Mil Cover Strip
- TPA 55 Mil Unreinforced Flashing Membrane
- TPA Fleeced Back Single Ply Membrane
- TPA 60 Mil Perimeter Sheet
- TPA Prefabricated Vent Pipe Boots
- TPA Coated Metal
- TPA LV Single Ply Bonding Adhesive
- TPA Prefabricated Universal Corners
- TremFlash Tape
- TremSEAL® Pro
- TremSeal® Pitch Pocket Sealer
- TPA Coated Metal

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Lower Merion School District |
| Address: | 301 East Montgomery Avenue Ardmore, PA 19003 |
| Phone number: | (610) 645-1980 |
| Contact person's name: | Ken Pitts |
| Contact person's title: | Assistant Director of Operations |



10. Submittal and Substantiating Documentation

3. ROOF RESTORATION, MIFFLINBURG HIGH SCHOOL, MIFFLINBURG, PA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a turn-key solution for a roof restoration project consisting of a 20,000-SF roof for Mifflinburg Area School District using a Geogard® restorative coating over an existing EPDM membrane. This school building was partially occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 12-year QA Plus Warranty.

| | |
|--|-----------|
| Project cost: | \$166,731 |
| Size: | 20,000 SF |
| Type of roof or protective coating: | Geogard® |
| Completion date: | 08/31/18 |

The manufacturer's product used for each project listed.

- Geogard® LO Base Coat
- Geogard® Finish Coat
- Permafab Polyester Fabric
- Solargard® Seam Sealer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Mifflinburg Area School District |
| Address: | 178 Maple Street Mifflinburg, PA 17844 |
| Phone number: | (570) 966-8247 |
| Contact person's name: | George Boyer |
| Contact person's title: | Supervisor of Buildings and Grounds |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION, SCHNEIDER ELECTRIC SQUARE D, SENECA, SC (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided labor and material for a full roof restoration of an 89,000 SF roof for the Schneider Electric Seneca facility using an AlphaGuard® MT Coat Coating System. This was an existing facility whereby WTI implemented strict policies and procedures to ensure the overall safety of site occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty

| | |
|--|----------------|
| Project cost: | \$930,270 |
| Size: | 89,000 SF |
| Type of roof or protective coating: | AlphaGuard® MT |
| Completion date: | 07/01/20 |

The manufacturer's product used for each project listed.

- AlphaGuard® Base Coat
- AlphaGuard® Top Coat
- AlphaGuard® WB Primer
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Schneider Electric |
| Address: | 1990 Sandifer Boulevard Seneca, SC 29678 |
| Phone number: | (615) 594-8431 |
| Contact person's name: | Ed Willhite |
| Contact person's title: | Facility Manager |



10. Submittal and Substantiating Documentation

2. NEW BUILT UP ROOF, ROPER ST. FRANCIS HOSPITAL, CHARLESTON, SC (COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided labor and material for the installation of a new built up 3,000-SF roof for the Roper St. Francis Hospital Generator Station using a BURmastic® Composite Ply and POWERply® Cap Sheet Roofing System. This was a new addition to an existing hospital site, whereby WTI implemented strict policies and procedures to ensure the overall safety of site occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--|
| Project cost: | \$119,857 |
| Size: | 3,000 SF |
| Type of roof or protective coating: | BURmastic® Composite Ply and PowerPly® Cap |
| Completion date: | 08/30/19 |

The manufacturer's product used for each project listed.

- Alumanation® 301
- BURmastic® Composite Ply
- BURmesh®
- ELS™
- POLYroof®
- POWERply® Standard Granulated Cap
- Low Rise Foam Insulation

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Roper St. Francis Hospital |
| Address: | 316 Calhoun Street Charleston, SC 29401 |
| Phone number: | (843) 724-2000 |
| Contact person's name: | Billy Johnson |
| Contact person's title: | Trades Supervisor |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT AND REPAIRS, PAMPLICO HIGH SCHOOL, PAMPLICO, SC
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services the removal and replacement and various repairs to 3,000-SF of roof at Pamplico High School for Florence County School District using BURmastic® Composite Ply and POWERply® Cap Sheet Roofing System. This was an existing facility whereby WTI implemented strict policies and procedures to ensure the overall safety of site occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 10-year QA Warranty.

| | |
|--|--|
| Project cost: | \$268,999 |
| Size: | 3,000 SF |
| Type of roof or protective coating: | BURmastic® Composite Ply and POWERply® Cap |
| Completion date: | 09/01/18 |

The manufacturer's product used for each project listed.

- Alumanation® 301
- BURmastic® Composite Ply
- BURmesh®
- ELS™
- POLYroof®
- POWERply® Standard Granulated Cap
- BURmastic® Adhesive
- TremSEAL®

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Florence County School District |
| Address: | 2121 South Pamplico Highway Pamplico, SC 29583 |
| Phone number: | (843) 319-0778 |
| Contact person's name: | Charles Hyman |
| Contact person's title: | Facility Manager |



10. Submittal and Substantiating Documentation

**1. METAL ROOF RESTORATION, VALLEY INTERNATIONAL AIRPORT TERMINAL BUILDING ROOFS D1 AND D1 LOWER, HARLINGEN, TX
(COMPLETED WITHIN ONE YEAR)**

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for a metal-roofing restoration with Alumanation 301, and for a MB restoration with Tremlastic and Granules for Valley International Airport. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 10-year QA Restoration Warranty.

| | |
|--|---|
| Project cost: | \$709,988 |
| Size: | 135,800 SF |
| Type of roof or protective coating: | Restoration of MB Roofing System with Tremlastic and Granules, and Restoration of Metal Roofing System with Alumanation Coating |
| Completion date: | 06/19/20 |

The manufacturer's product used for each project listed.

- BURmastic® Composite Ply HT
- BURmastic® Adhesive
- Tremlastic S
- Permafab
- POWERply™ Standard FR
- Geogard® Seam Sealer
- TREMprime™ WB
- Alumanation® 301

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Valley International Airport |
| Address: | 3002 Heritage Way Harlingen, TX 78550 |
| Phone number: | (956) 430-8600 |
| Contact person's name: | Bryan Wren |
| Contact person's title: | Assistant Director of Aviation |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, SETON HIGHLAND LAKES HOSPITAL - MEDXCEL, BURNET, TX
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete replacement of an existing 45,200-SF roof for Seton Highland Lakes Hospital with a TPA Roofing System. This building was occupied during performance, whereby WTI/Tremco implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|--------------------|
| Project cost: | \$838,440 |
| Size: | 45,200 SF |
| Type of roof or protective coating: | TPA Roofing System |
| Completion date: | 03/08/19 |

The manufacturer's product used for each project listed.

- TPA Fleeced Back single Ply Membrane
- TPA 60 Mil Perimeter Sheet
- TPA Unreinforced Flashing Membrane
- TPA 45 Mil Cover Strip
- TPA Coated Metal
- TPA Large and Small Prefabricated Vent Pipe Boots
- TPA Prefabricated Universal Corners
- TPA Walkway Roll
- TPA Single Ply Bonding Adhesive
- Tremco Low Rise Foam Insulation Adhesive
- Tremco Waterblock Sealant
- TremTred®

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Seton Highland Lakes Hospital - Medxcel |
| Address: | 3201 S Water Street Burnet, TX 78611 |
| Phone number: | (512) 557-6465 |
| Contact person's name: | Bradley Proctor |
| Contact person's title: | Power Plant Operator III / Team Lead |



10. Submittal and Substantiating Documentation

3. ROOFING AND SHEET METAL FLASHING REPLACEMENT, MISSOURI CITY COMMUNITY CENTER, MISSOURI CITY, TX
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roofing, sheet metal flashing replacement and metal roof restoration of an existing 10,000-SF roof for the Missouri City Community Center using a Solargard® 6083 Roofing System. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|-----------------|
| Project cost: | \$655,879 |
| Size: | 10,000 SF |
| Type of roof or protective coating: | Solargard® 6083 |
| Completion date: | 05/30/18 |

The manufacturer's product used for each project listed.

- POWERply® PREMIUM FR
- POWERply® SBS Base HW
- POWERply® HD Base Sheet
- POWERply® T 24 Standard FR
- Solargard® Hy-Build
- Tremco 4" Permafab
- Solargard® Seam Sealer
- TremSEAL® D
- Solargard® Fluoro-Prime
- Solargard® Base Coat
- Solargard® Finish Coat – Stone Gray

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | City of Missouri |
| Address: | 2701 Cypress Point Drive Missouri City, TX 77459 |
| Phone number: | (281) 403-8637 |
| Contact person's name: | Jason S. Mangum |
| Contact person's title: | Parks and Recreation Director |



10. Submittal and Substantiating Documentation

1. ROOF REPAIR, VCU, RICHMOND, VA (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided labor and material for installation of insulation and a single-ply membrane over 500 SF of metal roof for the VCU Parking Deck Canopy using 45 Mil TPO. This was an existing facility whereby WTI implemented strict policies and procedures to ensure the overall safety of site occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|------------|
| Project cost: | \$24,446 |
| Size: | 500 SF |
| Type of roof or protective coating: | 45 Mil TPO |
| Completion date: | 07/30/20 |

The manufacturer's product used for each project listed.

- TremPly® 45 Mil TPO Sheet
- TremPly® 45 Mil Accessories
- TremPly® TPO LV Bonding Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Virginia Commonwealth University |
| Address: | 1111 West Broad Street Richmond, VA 23284 |
| Phone number: | (804) 828-0100 |
| Contact person's name: | Beverly Beaver |
| Contact person's title: | Purchasing Agent |



10. Submittal and Substantiating Documentation

2. ROOF SEAM REPAIRS, ENCOMPASS HEALTH REHABILITATION HOSPITAL OF NORTHERN VIRGINIA, ALDIE, VA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for roofing seam repairs on 4,500 LF using AlphaGuard® BIO and Permafab materials for this rehabilitation hospital. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---|
| Project cost: | \$56,699 |
| Size: | 4,500 LF |
| Type of roof or protective coating: | Roofing Seam Repairs - AlphaGuard® BIO & Permafab |
| Completion date: | 09/17/19 |

The manufacturer's product used for each project listed.

- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Encompass Health Rehabilitation Hospital of Northern Virginia |
| Address: | 24430 Milstream Drive Aldie, VA 20105 |
| Phone number: | (575) 937-4199 |
| Contact person's name: | Jim Stover |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

3. ROOF RESTORATION, MIDDLE PENINSULA REGIONAL SECURITY CENTER , MAIN BUILDING ROOFS A-E, SALUDA, VA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the restoration of a 17,675-SF roof using Alumanation® 301. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 10-year QA Plus Warranty.

| | |
|--|------------------------------|
| Project cost: | \$148,588 |
| Size: | 17,675 SF |
| Type of roof or protective coating: | Alumanation® 301 Restoration |
| Completion date: | 07/31/18 |

The manufacturer's product used for each project listed.

- Alumanation® 301
- Geogard® Seam Sealer
- Low Rise Foam Insulation Adhesive
- Permafab Polyester Fabric
- POWERply® Plus HT Smooth
- POWERply® Plus HT FR
- POWERply® Endure BIO Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Middle Peninsula Regional Security Center |
| Address: | 170 Oakes Landing Road Saluda, VA 23149 |
| Phone number: | (804) 815-6673 |
| Contact person's name: | Carlton McGuire |
| Contact person's title: | Maintenance Supervisor |



10. Submittal and Substantiating Documentation

1. ROOF RESTORATION AND SHINGLE REPLACEMENT, MEDINA ELEMENTARY SCHOOL, MEDINA, WA
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the complete renovation and restoration of an existing 12,732-SF roof-restoration and 47,600-SF Shingle Replacement of a Medina Elementary School roof for Bellevue School District. An AlphaGuard® MT Fluid Applied Roof Restoration and Shingle Replacement Roofing System using a composition shingle was used. This school was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty on the restoration and a 5-Star Manufacturer's Warranty on the shingle replacement.

| | | |
|--|--|----------------------------------|
| Project cost: | Roof Restoration \$170,142 | Shingle Replacement \$449,492 |
| Size: | 47,600 SF | 12,732 SF |
| Type of roof or protective coating: | AlphaGuard® MTS Fluid Applied Roof Restoration | |
| Completion date: | 07/31/20 | |

The manufacturer's product used for each project listed.

- AlphaGuard® MT Top Coat
- AlphaGuard® WB Primer
- Permafab Polyester Fabric
- AlphaGuard® MTS Base Coat
- BURmastic® Composite Ply HT
- POWERply® BIO Endure Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: Bellevue School District
Address: 8001 NE 8th Street
Medina, WA 98039
Phone number: (425) 351-8868
Contact person's name: Jack Mcleod
Contact person's title: BSD Project Coordinator



10. Submittal and Substantiating Documentation

2. ROOFTEC AND ROOF REPAIRS, RICHLAND PUBLIC LIBRARY, CITY OF RICHLAND, WA
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: RoofTec removed debris and cleaned all of roof sections A - G. (approx. 42,462 SF), repaired all punctures and damaged membrane with a peel-and-stick-like product. AlphaGuard® WB Primer was applied to roof surfaces, AlphaGuard® BIO Base Coat was applied to all field and penetration seams, and Permafab and back roll were embedded 4" (approx. 11,950 LF). AlphaGuard® BIO Base Coat was applied over all roof sections, then AlphaGuard® BIO Top Coat was applied within 72 hours over all roof sections. All debris was removed from the job site. Upon completion, Tremco provided a 5-year Material Only Warranty.

| | |
|--|------------------------------------|
| Project cost: | \$418,563 |
| Size: | 42,462 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Restoration System |
| Completion date: | 09/30/19 |

The manufacturer's product used for each project listed.

- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- AlphaGuard® WB Primer
- Permafab Polyester Fabric

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | City of Richland Public Library |
| Address: | 955 Northgate Drive Richland, WA 99352 |
| Phone number: | (509) 578-9337 |
| Contact person's name: | Darrin Sweeney |
| Contact person's title: | City Project Manager |



10. Submittal and Substantiating Documentation

3. ROOF RENOVATION AND RESTORATION, GIG HARBOR HIGH SCHOOL, GIG HARBOR, WA
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided roof-restoration services for the complete renovation and restoration of an existing 22,889-SF roof for Gig Harbor High School, Peninsula School District 401 using an AlphaGuard® BIO Fully Reinforced Roof roofing system. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|---------------------------------------|
| Project cost: | \$721,397 |
| Size: | 22,889 SF |
| Type of roof or protective coating: | AlphaGuard® BIO Fully Reinforced Roof |
| Completion date: | 11/30/17 |

The manufacturer's product used for each project listed.

- AlphaGuard® BIO Fully Reinforced Roof

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Peninsula School District 401 |
| Address: | 14015 62nd Avenue NW Gig Harbor, WA 98332 |
| Phone number: | (253) 377-5572 |
| Contact person's name: | Jeff Otis |
| Contact person's title: | Maintenance Supervisor |



10. Submittal and Substantiating Documentation

1. ROOF REPLACEMENT, OCEAN SPRAY CRANBERRIES, INC., WISCONSIN RAPIDS, WI (COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the replacement of a 21,300-SF existing roof at Ocean Spray Cranberries. Located on Engine Room, Line #1 and Docks 5 and 8, WTI installed a BURmastic® 100 Roofing System to update the existing roof. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA NDL Warranty.

| | |
|--|----------------------------|
| Project cost: | \$600,000 |
| Size: | 21,300 SF |
| Type of roof or protective coating: | BURmastic® 100 Roof System |
| Completion date: | 04/23/20 |

The manufacturer's product used for each project listed.

- BURmastic® Composite Ply
- BURmastic® Adhesive

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | Ocean Spray Cranberries, Inc. |
| Address: | 152 Bridge Street Middleboro, MA 02346 |
| Phone number: | (715) 315-9809 |
| Contact person's name: | Andrew Devine |
| Contact person's title: | Operations Process Engineer |



10. Submittal and Substantiating Documentation

2. ROOF REPLACEMENT, AURORA HEALTHCARE, OSHKOSH, WI
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided traditional roofing services for the complete reroofing of an existing 84,010-SF roof for Aurora Healthcare, Roof Sections 3, 4, 12, 13, 14, 16 and 17, using a Fleece Back TPO Single Ply Roof System. This healthcare facility was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 15-year QA Warranty.

| | |
|--|---|
| Project cost: | \$645,203 |
| Size: | 84,010 SF |
| Type of roof or protective coating: | TPO Fleece Back Single Ply Roof Membrane System |
| Completion date: | 09/17/19 |

The manufacturer's product used for each project listed.

- TPO Fleece Back

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Aurora Healthcare |
| Address: | 855 North Westhaven Drive Oshkosh, WI 54904 |
| Phone number: | (920) 205-5875 |
| Contact person's name: | John Habeck |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

3. ROOF REPLACEMENT, MEDXCEL – ST ELIZABETH HOSPITAL ROOFS 12, 13, AND 14, APPLETON, WI (COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided construction-management services for the replacement of an existing roofing system with a new POWERply MB Roofing System. This hospital was occupied during performance, whereby WTI/Tremco implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations. Upon project completion, Tremco provided a 20-year QA Warranty.

| | |
|--|-------------------------|
| Project cost: | \$471,384 |
| Size: | 12,528 SF |
| Type of roof or protective coating: | PowerPly MB Roof System |
| Completion date: | 09/24/18 |

The manufacturer's product used for each project listed.

- AlphaGuard® M-Prime
- AlphaGuard® BIO Base Coat
- AlphaGuard® BIO Top Coat
- AlphaGuard Glass Mat
- Alumanation® 301
- BURmastic® Composite Ply HT
- BURmastic® Adhesive SF
- BURmesh®
- Low Rise Foam Insulation Adhesive
- POLYroof® SF
- POWERply® Standard FR
- TREMprime™ WB
- Trisotech® Tapered Insulation
- Trem-Tred®
- TremSEAL® Pitch Pocket Sealer

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Medxcel – Saint Elizabeth Hospital |
| Address: | 1506 South Oneida Street Appleton, WI 54915 |
| Phone number: | (920) 738-2826 |
| Contact person's name: | Rob Johnson |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

1. ROOFING SERVICES, WEST VIRGINIA UNIVERSITY, MORGANTOWN, WV
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided an inspection on 145 buildings located at multiple campus locations for the West Virginia University that totaled 1,791,478 SF. WTI performs regularly scheduled inspections, housekeeping, maintenance, minor repairs, leak response and diagnostics for West Virginia University. These services help prevent premature deterioration and maximize the life of the existing roof and protect the overall value of the building. WTI's comprehensive approach proactively identified problems and implemented corrective actions early to prevent costly emergency repairs for the University. WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---|
| Project cost: | \$136,331 |
| Size: | 1,791,478 SF |
| Type of roof or protective coating: | TremCare Gold (one inspection per year) |
| Completion date: | 06/01/20 |

The manufacturer's product used for each project listed.

- TremSEAL® Pro
- Solargard® Seam Sealer
- Permafab Polyester Fabric
- Reglet Joint Sealant

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | West Virginia University |
| Address: | 150 Clay Street Morgantown, WV 26501 |
| Phone number: | (310) 614-2937 |
| Contact person's name: | David Beaver |
| Contact person's title: | Assistant Vice President and Chief Procurement Officer |



10. Submittal and Substantiating Documentation

2. ROOFING REPAIR SERVICES, ENCOMPASS HEALTH REHABILITATION HOSPITAL OF HUNTINGTON, HUNTINGTON, WV
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a roofing-repair project at Rehabilitation Hospital of Huntington. This project consisted of roof repairs around an existing skylight. WTI implemented proper safety precautions and fall protection when performing on the roof to ensure personnel safety. At project completion, the skylight was watertight ensuring the integrity of the building envelope. This building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|----------|
| Project cost: | \$6,293 |
| Size: | N/A |
| Type of roof or protective coating: | N/A |
| Completion date: | 03/19/19 |

The manufacturer's product used for each project listed.

- Miscellaneous Repair Materials

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Encompass Health Rehabilitation Hospital Of Huntington |
| Address: | 6900 West County Club Drive Huntington, WV 25705 |
| Phone number: | (304) 733-1060 |
| Contact person's name: | Shane Carter |
| Contact person's title: | Facility Manager |



10. Submittal and Substantiating Documentation

3. WARRANTY, HEALTHSOUTH REHABILITATION HOSPITAL OF HUNTINGTON, HUNTINGTON, WV
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI/Tremco provided a Tremco Performance Warranty for this facility.

Project cost: \$9,559
Size: 63,853 SF
Type of roof or protective coating: N/A
Completion date: 05/11/18

The manufacturer's product used for each project listed.

- Tremco Performance Warranty

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

Institution's name: Healthsouth Rehabilitation Hospital of Huntington
Address: 6900 West Country Club Drive
Huntington, WV 25705
Phone number: (304) 733-1060
Contact person's name: Rodney Gilchrist
Contact person's title: Senior Manager Design and Construction



10. Submittal and Substantiating Documentation

1. ROOFING SERVICES, F.E. WARREN AFB – BUILDING 1151 – ROOFS A AND B, CHEYENNE, WY
(COMPLETED WITHIN ONE YEAR)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a TremCare® Maintenance Agreement for 27,288 SF for Roofs A and B at the F.E. Warren AFB. WTI performs regularly scheduled inspections, housekeeping, maintenance, minor repairs, leak response and diagnostics for F.E. Warren AFB. These services help prevent premature deterioration and maximize the life of the existing roof and protect the overall value of the building. WTI's comprehensive approach proactively identified problems and implemented corrective actions early to prevent costly emergency repairs for the AFB. This Military building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---------------------------------|
| Project cost: | \$30,025 |
| Size: | 27,288 SF |
| Type of roof or protective coating: | TremCare® Maintenance Agreement |
| Completion date: | 9/11/12 – 9/10/32 |

The manufacturer's product used for each project listed.

- TremCare® Maintenance Agreement

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | F. E. Warren AFB |
| Address: | 7100 Saber Road – Main Gate Cheyenne, WY 82005 |
| Phone number: | (307) 773-5103 |
| Contact person's name: | Francesca Singhas |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

2. ROOFING SERVICES, F. E. WARREN AFB – BUILDING 1506, CHEYENNE, WY
(COMPLETED WITHIN TWO YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a TremCare® Maintenance Agreement for the 13,000-SF Building 1506 at F.E. Warren AFB. WTI performs regularly scheduled inspections, housekeeping, maintenance, minor repairs, leak response and diagnostics for F.E. Warren AFB. These services help prevent premature deterioration and maximize the life of the existing roof and protect the overall value of the building. WTI's comprehensive approach proactively identified problems and implemented corrective actions early to prevent costly emergency repairs for the AFB. This Military building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---------------------------------|
| Project cost: | \$22,681 |
| Size: | 13,000 SF |
| Type of roof or protective coating: | TremCare® Maintenance Agreement |
| Completion date: | 7/17/12 – 7/16/32 |

The manufacturer's product used for each project listed.

- TremCare® Maintenance Agreement

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|---|
| Institution's name: | F. E. Warren AFB |
| Address: | 7100 Saber Road – Main Gate Cheyenne, WY 82005 |
| Phone number: | (307) 773-5103 |
| Contact person's name: | Francesca Singhas |
| Contact person's title: | Facilities |



10. Submittal and Substantiating Documentation

3. ROOFING SERVICES, ASTORIA PROPERTIES – ASPEN MEDICAL CENTER, ROCK SPRINGS, WY
(COMPLETED WITHIN THREE YEARS)

The general scope of work required for each project, project cost and the type of roofing or protective coating system utilized.

General scope of work: WTI provided a TremCare® Maintenance Agreement for this 51,500-SF roof for Astoria Properties. WTI performs regularly scheduled inspections, housekeeping, maintenance, minor repairs, leak response and diagnostics. These services help prevent premature deterioration and maximize the life of the existing roof and protect the overall value of the building. WTI's comprehensive approach proactively identified problems and implemented corrective actions early to prevent costly emergency repairs for Astoria Properties. This medical building was occupied during performance, whereby WTI implemented strict policies and procedures to ensure the overall safety of building occupants with little or minimal impact to on-going operations.

| | |
|--|---------------------------------|
| Project cost: | \$6,504 |
| Size: | 51,500 SF |
| Type of roof or protective coating: | TremCare® Maintenance Agreement |
| Completion date: | 3/31/18 |

The manufacturer's product used for each project listed.

- TremCare® Maintenance Agreement

The public institution's/agency's name, address, phone number, contact person's name and title for each project.

| | |
|--------------------------------|--|
| Institution's name: | Astoria Properties – Aspen Medical Center |
| Address: | 4401 College Drive Rock Springs, WY 82901 |
| Phone number: | (307) 352-8900 |
| Contact person's name: | Dr. Eric Meyer |
| Contact person's title: | Chairman |

10. Submittal and Substantiating Documentation

10.2.3 PROVIDE A NARRATIVE OF YOUR COMPANY’S POLICIES, PROCEDURES AND STRATEGIES TO ENSURE QUALITY CONTROL AND RESPONSE TO CONCERNS BEFORE, DURING AND AFTER THE PROJECT. INDICATE WHAT FOLLOW-UP, REVIEW AND OVERSIGHT PROCESS YOUR MANAGEMENT TEAM HAS IN PLACE TO ENSURE CUSTOMER SATISFACTION.

WTI implements a comprehensive and effective, quality system on each project—before, during and after performance. This formal quality system ensures all of our products and services conform to standardized industry requirements through our International Organization for Standardization (ISO) 9001:2015-certified Quality Assurance (QA)/Quality Control (QC) processes which are certified by Underwriters Laboratories (UL) through comprehensive system annual audits. **Figure 10-4** show WTI’s and Tremco’s current ISO 9001:2015 Certificates of Registration. Our QA/QC approach includes follow-up, review and oversight processes we implement to focus on the client rather than just customer satisfaction and continual improvement rather than just corrective/preventive action. As a result, the WTI QC Program brings together streamlined QA/QC policies and procedures with highly trained quality personnel to ensure specification conformance at all times.

Figure 10-4. WTI and Tremco are ISO 9001:2015-certified. In fact, we were the first roofing-service enterprise to attain this distinction.





10. Submittal and Substantiating Documentation

Personnel

Our commitment to quality extends beyond simple words and the importance of quality is engrained at every level of our organization. WTI’s management personnel are listed as quality-process owners who ensure standards are understood and followed by all company personnel through proper training, counsel and instruction. All field applicators, employees and subcontractors are trained and certified in rigorous QA/QC processes by WTI. In addition, the performance of field applicators, employees and subcontractors is constantly measured and evaluated for quality. WTI and Tremco formally recognizes applicators for their quality of field applications with awards.

The personnel directly responsible for monitoring and ensuring overall quality bring specialized industry experience and training, as detailed in **Table 10-7**. NOTE: On-site Superintendents will perform QC functions on the AEPA Contract.

Table 10-7. QA/QC personnel training qualifications.

| Personnel | Training |
|----------------------------------|--|
| Construction Manager | <ul style="list-style-type: none"> ▪ Structural Drying Training ▪ Occupational Safety and Health Administration (OSHA) 10-Hour Training (minimum) ▪ Annual WTI Construction Manager Training [Roofing Consultants Institute (RCI) Accredited] <ul style="list-style-type: none"> ▪ Safety (Including Site-Specific Safety Plans) ▪ Subcontractor Management ▪ Legal Compliance, Contracts Management and Ethics ▪ Specification Development ▪ QA/QC Program ▪ Quality in Construction ▪ Project Schedule ▪ Updated Roofing and Waterproofing Product Information ▪ Database Management ▪ Roofing Industry Standards and Building-Code Review ▪ Lightweight Concrete Testing and Standards ▪ National Roofing Contractors Association (NRCA) Compliance ▪ Underwriters Laboratories/Fire Marshal (UL/FM) Compliance ▪ Sheet Metal and Air Conditioning Contractors National Association (SMACNA) Compliance ▪ American National Standards Institute/Single-Ply Roofing Institute (ANSI/SPRI) ES-1 Compliance |
| Superintendent/On-site Inspector | <ul style="list-style-type: none"> ▪ OSHA 10-Hour Training (minimum) ▪ First Aid/CPR ▪ Annual WTI Training – RCI Accredited <ul style="list-style-type: none"> ▪ Project Management ▪ Safety ▪ Project Schedule ▪ Specification Development and Enforcement ▪ Project QC Procedures ▪ Daily QC Log Procedures ▪ Inspection Reporting and Management ▪ Labor Standards Compliance ▪ Plan and Specification Review ▪ Subcontractor Enforcement ▪ Roofing Industry Standards and Code Review ▪ Final Inspection ▪ Quality in Construction ▪ Updated Roofing and Waterproofing Product Information |



10. Submittal and Substantiating Documentation

Construction Inspections

The Superintendent performs the Three-Phase Inspection Program to ensure overall project quality. The three phases of the Inspection Program cover both on- and off-site work and include a preparatory, initial and follow-up phase for each definable feature of work. A definable feature of work is a task which is separate and distinct from every other task and requires separate inspection requirements. The member and WTI representatives will agree on the definable features of work for which preparatory meetings are required and a memorandum of understanding will be signed by both parties. The preparatory meeting will define any special QC items which are not addressed in the technical specifications. Any changes will be submitted in writing to the member representative and no changes will be implemented before they are approved by the member representative.

Client Quote

"This was 110% the easiest roof replacement I've ever experienced. I go back to 1985 with WTI/Tremco, I would not use any other company."

Paul Becconsall
Rancho Springs Medical Center, Murrieta, CA

Preparatory Phase

The member representative will be notified at least 24 hours in advance of each preparatory phase. The preparatory phase will be conducted with the Superintendent and Construction Manager (as required) responsible for the definable feature of work. Results will be documented in the Daily Contract QC Report. We will perform the following before beginning work on each definable feature of work.

- Review each paragraph of the applicable specification sections
- Review contract drawings
- Verify appropriate shop drawings and submittals for materials and equipment have been submitted and approved
- Verify receipt of approved factory test results, when required
- Review the testing plan and ensure provisions have been made to provide the required QC testing
- Examine the work area to ensure the required preliminary work has been completed
- Examine required materials, equipment and sample work to ensure they are on hand and conform to the approved shop drawings and submittal data
- Review the Safety Plan and appropriate Activity Hazard Analysis (AHA) to ensure applicable safety requirements are met and required Material Safety Data Sheets (MSDS) are submitted
- Discuss construction methods
- Discuss access to the facility and coordination with any facility occupants
- Identify all required permits

Initial Phase

The member representative is notified at least 24 hours in advance of each initial phase. When construction crews are ready to start work on a definable feature of work, the initial phase will be conducted with the Superintendent and Construction Manager (as required) responsible for that definable feature of work. The initial segment of the definable feature of work is observed to ensure the work complies with contract requirements. The results of the initial phase are documented in the Daily Contractor QC Report. The initial phase is repeated for each new crew to work on site or when acceptable levels of specified quality are not being met. The following are performed for each definable feature of work:

- Establish the quality of workmanship required
- Resolve conflicts
- Review the Safety Plan and the appropriate AHA to ensure applicable safety requirements are met
- Ensure all on-site personnel/employees and subcontractor on-site personnel/employees have completed OSHA training or other relevant equivalent competency training prior to work starting on site
- Ensure testing is properly performed



10. Submittal and Substantiating Documentation

Follow-Up Phase

The following are performed on a weekly basis for on-going work, or until the completion of each definable feature of work, and are documented in the Daily Contractor QC Report:

- Ensure work complies with contract requirements
- Maintain the quality of workmanship required
- Ensure testing is properly performed
- Ensure rework items are being corrected quickly and efficiently
- Ensure as-builts are accurately updated
- Complete documentation

In addition to daily work site inspections, the on-site Superintendent will insist that certain pre-set milestones (definable features of work) receive QC approval before the project can advance. These milestones are defined as structural, deck condition, mechanical, plumbing, electrical or otherwise complex or critical project elements.

Member personnel will always be notified by the WTI Superintendent when milestone quality inspections are to take place. Representatives from the member will always be invited to participate in any milestone inspection. Our Superintendent will also use available time each day to make random, unscheduled inspections of the project site. This extra check reinforces proper work procedures by enabling our QC staff to view work in progress, without prior notice. The results of these random inspections are recorded on the Daily Contractor QC Report and kept in the project file.

Client Quote

"Customer service received from Steve Tolsma during all phases of the project exceeded all expectations. He was professional and courteous even through challenges."

Yolanda Gaytan
Brookhurst Community Center, Anaheim, CA

Our QC Program is designed to prevent problems and/or catch problems before project completion. This has virtually eliminated punchlist items at our project sites. However, if any punchlist items are found upon final inspection, we will take immediate action to correct the non-conforming work as soon as possible. A report will then be submitted to the member representative, detailing the correction of each item.

Pre-Final and Final Inspections

Once a project is 100% complete, WTI's Superintendent will conduct a pre-final inspection with the subcontractor to ensure all final details are in place and necessary pre-final punchlist items are completed. After all pre-final punchlist items are completed, the on-site Superintendent will schedule a final inspection with all required member representatives and any material/equipment manufacturer representatives for non-Tremco products. During the final inspection, any additional punchlist items identified by material-manufacturer representatives or the member will be immediately corrected. WTI and our subcontractors will not demobilize until 100% of all punchlist items and cleanup are completed according to the member's requirements.

Testing Laboratories and Procedures

When necessary, QC sampling and testing will be performed by subcontracted sources and independent, outside laboratories. Certificates of accreditation will be required of all testing laboratories or specialists used for any testing performed under the AEPA Contract. We will provide copies of these certificates and any other verification of compliance to the appropriate member representative.



10. Submittal and Substantiating Documentation

Various testing companies may be used from project to project; however, each testing subcontractor will be required to produce the necessary qualifications and credentials to perform laboratory testing. Test results will be submitted to the on-site Superintendent and will be clearly marked with the following.

- Project number
- Location
- Date taken
- Specification requirements
- “Conforms” or “Does Not Conform”

The on-site Superintendent will update and maintain the log of tests required, referenced by the specification paragraph mandating the test, test frequency and the person responsible for each test.

Project Closeout

The Superintendent and Construction Manager will perform final building turnover, contract close-out and roofing-systems commissioning in accordance with the following:

- Coordinate final inspections and turnover of facility with the member’s trained staff
- Finalize, complete and submit all as-built drawings
- Manage and implement a Commissioning Plan for all roofing systems through coordination with each discipline
- Develop/maintain a punchlist of all construction deficiencies at the end of the construction period. The on-site Superintendent will ensure all deficiency items have been completed and/or corrected prior to member turnover. The member representative will participate in preparation of the final punchlist
- Develop and organize equipment and system training involving installation contractors and suppliers. All member training will be coordinated and scheduled upon completion
- Startup and commission the system

At the final inspection, we will supply a Completion Package, assembled in a binder, which will contain information about the products used in construction and user instructions for new systems. We feel this package will help AEPA members immediately realize the benefits of the improved facilities. The information contained in the Completion Package makes warranty registration easier and aids AEPA members in making a smooth transition into use.

Once the project is complete, any changes or modifications to the construction drawings must be incorporated into accurate as-built drawings and submitted to the AEPA member in the package listed above. As-built drawings will show changes and revisions to the construction drawings including structural details, tapered-insulation layout, drain and equipment locations, sizes, etc. If the completed construction reflects no modifications, then copies of the original drawings may be stamped as the official as-built drawings.

Completion Package

- Warranty Manuals
- As-Built Drawings and Property Records
- Project Daily Field Reports
- Meeting Minutes
- Completed Project Specifications
- Project Progress Photos
- Product User Information (in binder):
 - Safety Precautions
 - Normal Operations
 - Service Requirements
 - Environmental Conditions
 - MSDS
 - Maintenance and Repair Procedures
 - Personnel Training Requirements
 - Contractor Information
- Staff Statements, if needed



10. Submittal and Substantiating Documentation

Follow-Up, Review and Oversight Process to Ensure Customer Satisfaction

WTI surveys clients on a regular basis to assess performance and trends. Post-job surveys, shown in **Figure 10-5** on the following page, may be customized to include AEPA procurement issues and this data will then be shared with AEPA annually.

WTI is committed to staying at the forefront of the roofing industry and has developed a streamlined QC Program that meets and exceeds quality requirements while enhancing customer satisfaction. Our ISO 9001:2015-certified quality-management system continually results in the highest-quality products and services. Our reputation for quality excellence is proven by a successful track record of thousands of roofing-system and public-works projects nationwide. The high level of service and quality received by WTI customers is based upon standards developed during our long history of serving demanding customers. Our company-wide dedication to top-quality projects benefits AEPA with the following.


- Standardized procedures
- Structured reporting
- Established roles and responsibilities
- Awareness of project aspects
- Measures of work consistency
- Documented project tracking for budget, schedule and materials

By incorporating lessons learned from the past 50 years, AEPA members can expect WTI's QA/QC processes to accommodate diverse clients, roofing systems, products and locations while eliminating redundant paper work and minimizing field work. As a result, members receive the benefit of high-quality products and services provided on time and within budget throughout the duration of the AEPA Contract.



10. Submittal and Substantiating Documentation

Figure 10-5. WTI and Tremco utilizes customer surveys to ensure customer satisfaction.



Performance Based Studies Research Group
 Phone: 480-727-0785 Fax: 480-965-4371
 Website: www.pbsrg.com

To: **«Contact_Name»**

Phone: **«Phone»** Fax: **«Fax»**

Subject: Performance Evaluation of: **«Contractor»**(Roofing Contractor)
Tremco (System Manufacturer)
«Tremco_Representative»

The PBSRG, at Arizona State University, collects and documents past performance information on contractors and system manufacturers. Tremco is participating in a process to identify the performance of their roofing systems. You have been identified as a client for whom they have previously performed work. We would greatly appreciate your time in completing this survey.

Rate each of the criteria on a scale of 1 to 10, with **10 representing the best** (i.e. extremely satisfied) in a particular area and **1 representing the worst** or Y or N, with **Y representing Yes** and **N representing No**. Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, please leave it blank. This is a university survey and your responses will remain confidential.

A. Customer Satisfaction Ratings

Job Name: **«Job_Name»** Date Installed: **«Date_Installed»**
 Roof Type: **«System»** Job Area (SF): **«Job_Area»**
 Customer ID#: **«JobID»**

| NO | CRITERIA | UNIT | Rating |
|----|--|--------|--------|
| 1 | Satisfaction Rating of the Roofing System | (1-10) | |
| 2 | Would you purchase the System again? | (Y/N) | |
| | If no, explain <i>(insert notes here)</i> | | |
| 3 | Is the roof currently leaking? | (Y/N) | |
| 4 | Satisfaction Rating of the Contractor | (1-10) | |
| 5 | Would you hire the Contractor again? | (Y/N) | |
| 6 | If no, explain <i>(insert notes here)</i> | | |
| 7 | Satisfaction Rating of the Tremco representative | (1-10) | |
| 8 | Satisfaction Rating of the value relative to the overall project cost | (1-10) | |
| 10 | Overall Satisfaction Rating of the Project | (1-10) | |
| 11 | Ask if interested/know of Tremco's Additional Services 1. Air Barrier Testing <i>(Yes/No/Not Sure)</i> 2. Thermographic Building Inspection <i>(Yes/No/Not Sure)</i> 3. Energy Audits a. Basic Energy Audit <i>(Yes/No/Not Sure)</i> b. Comprehensive Energy Audit <i>(Yes/No/Not Sure)</i> | | |

All survey to be conducted over the phone, unless fail to reach 3 times, then will email/fax.



10. Submittal and Substantiating Documentation

Air Barrier Testing

- Identifies areas of air infiltration and leakage through the building envelope using a series of calibrated fans called blower doors
- Provides a verifiable measure and benchmark of your energy efficient building's performance

Thermographic Building Inspection

- Provides infrared photographic documentation of your facilities' insulation integrity
- Identifies areas of missing insulation in the building envelope and thermal bridging
- Ensure air and thermal barriers are installed properly

Energy Audits

Southern Energy Management offers different levels of energy audits and plan reviews for commercial buildings interested in evaluating their energy usage. Our Basic and Comprehensive Energy Audits will show commercial properties where energy can be reduced and how to lower operating expenses.

Basic Energy Audit

Our basic energy audit will show commercial properties where energy can be reduced and how to lower operating expenses. Our team will review moisture management and indoor environmental air quality along with the building's insulation and HVAC equipment. We will also make an assessments on the feasibility of integrating renewable energy systems and low/no cost energy conservation measures.

Comprehensive Energy Audit

A comprehensive energy audit builds on the foundation of the basic energy audit adding an in-depth analysis of energy use and overall sustainability goals and opportunities.

All survey to be conducted over the phone, unless fail to reach 3 times, then will email/fax.