

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES NO

MAXIMUM ESCALATION PERCENTAGE REQUESTED 10 %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 7/15/2024

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

6/14/24

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable)

43074

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Sieverding Construction, Inc.

ADDRESS: 278 General Patton Ave. #600

CITY, STATE: Mandeville, LA ZIP: 70471

TELEPHONE: (985) 686-8360 FAX: ()

EMAIL ADDRESS: info@sieverdingconstruction.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: #1

NUMBER: #2

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 87,600.00

AUTHORIZED SIGNATURE: [Signature]

TITLE: President

Mark A. Sieverding
Printed Name

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00144784

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	JOB	<p>Supply and Install a Silicone Roof Coating System on the Jefferson Parish General Government Building</p> <p>0010 - SILICONE ROOF COATING SYSTEM PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, CRANE WORK, AND INCIDENTALS NECESSARY TO INSTALL A SILICONE ROOF COATING SYSTEM AT THE JEFFERSON PARISH GENERAL GOVERNMENT BUILDING LOCATED AT 200 DERBIGNY STREET, GRETNA, LA 70053 FOR THE DEPARTMENT OF GENERAL SERVICES.</p> <p>SUBCONTRACTORS ARE NOT ALLOWED FOR THIS BID. **</p> <p>*** PER THE ATTACHED SPECIFICATIONS</p>	<p>\$ 87,600-</p>	<p>\$ 87,600-</p>
2	1.00	SQFT	<p>0020 - ANCILLARY WORK PROVIDE A COST PER SQUARE FOOT TO REMOVE REPAIR, AND REPLACE WATER-DAMAGED ROOF MATERIALS DESCRIBED IN SECTION 9.0 OF THE SPECIFICATIONS. THIS IDENTIFIED COST WILL NOT BE PART OF THE BASE BID & WILL NOT BE USED TO DETERMINE THE LOW BIDDER. THIS LINE ITEM WILL ONLY BE USED IF NEEDED.</p> <p>WORK LOCATION: JEFFERSON PARISH GENERAL GOVERNMENT BUILDING 200 DERBIGNY STREET GRETNA, LA 70053</p>	<p>\$ 8.00</p>	<p>\$ 8.00</p>

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF St. Tammany

BEFORE ME, the undersigned authority, personally came and appeared: Mark A. Steverding, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized President of Steverding Construction, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00144784 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Mark A. Sieverding
Signature of Affiant

Mark A. Sieverding
Printed Name of Affiant

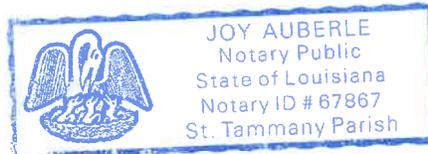
SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 21 DAY OF May, 2024.

Joy Auberte
Notary Public

Joy Auberte
Printed Name of Notary

67867
Notary/Bar Roll Number



My commission expires with life.

CORPORATE RESOLUTION

A meeting of the Board of Directors of Sieverding Construction, Inc., a Corporation organized under the laws of the State of Louisiana /domiciled in St. Tammany Parish, was held this 7th day of January, 2009, and was attended by a quorum of the members of the Boards of Directors.

The following resolution was offered, duly seconded and, after discussion, was unanimously adopted by said quorum:

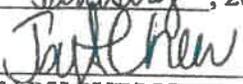
BE IT RESOLVED, that Mark A. Sieverding is hereby authorized to submit bid proposals and execute contracts and/or agreements on behalf of this corporation.

I, Mark A. Sieverding, hereby certify that I am the Secretary of Sieverding Construction, Inc., a corporation created under the laws of the State of Louisiana /domiciled in St Tammany Parish; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board Of Directors of said corporation at the meeting legally called and held on the 7th day of January, 2009, as said resolution appears in the Official Minutes of the Board of Directors in my possession.

This 7th day of January, 2009.


MARK A. SIEVERDING, President/Secretary

SWORN TO AND SUBSCRIBED
BEFORE ME this 8th day
Of January, 2009


NOTARY PUBLIC

JOY CHEW
Notary Public I.D. # 67867
St. Tammany Parish
State of Louisiana
My Commission expires with life



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/11/2024

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.

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).

PRODUCER Lighthouse Insurance Agency LLC 802 Pine Street Madisonville, LA 70447 License #: 774574	CONTACT NAME: Melinda Bouterie-Badon PHONE (A/C, No, Ext): (985)845-3663 E-MAIL ADDRESS: melinda@marcusagent.com	FAX (A/C, No): (866)669-0081
	INSURER(S) AFFORDING COVERAGE	
INSURED SIEVERDING CONSTRUCTION, INC. 278 GENERAL PATTON AVE STE 600 MANDEVILLE, LA 70471-8700	INSURER A: Berkley Assurance Company	
	INSURER B: Berkshire Hathway-Guard	19232
	INSURER C: Nautilus Insurance Company	17370
	INSURER D: Amerisafe	
	INSURER E: Transguard	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER: 00001239-1776588** **REVISION NUMBER: 60**

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.

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 CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			VUMA0286970	09/28/2023	09/28/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			SIAU541823	03/06/2024	03/06/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			AN1269081	09/28/2023	09/28/2024	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N Y N/A	SVWCLA3243502024	01/20/2024	01/20/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Leased/Rented Equipm			MII-40631	01/12/2024	01/12/2025	100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Workers Comp: Mark Sieverding

CERTIFICATE HOLDER**CANCELLATION**

FOR BIDDING PURPOSES ONLY

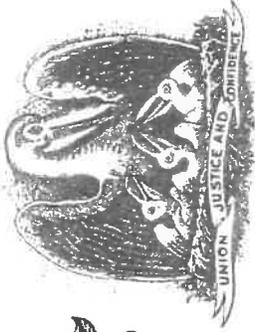
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

(MMB)

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State of



Louisiana

State Licensing Board for Contractors

This is to Certify that:

SIEVERDING CONSTRUCTION, INC.
278 General Patton Drive, Suite 600
Mandeville, LA 70471

is duly licensed and entitled to practice the following classifications:

BUILDING CONSTRUCTION; ELECTRICAL; HEAVY CONSTRUCTION; MECHANICAL; MUNICIPAL AND
PUBLIC WORKS CONSTRUCTION; ROOFING AND SHEET METAL, SIDING



Expiration Date: February 10, 2027

License No: 43074

Witness our hand and seal of the Board dated,
Baton Rouge, LA 11th day of February 2024

Will S. May Director

Lee Mallett Chairman

Andy [Signature] Treasurer

This License Is Not Transferrable

SILICONE COATING

838 COATINGS



838 COATINGS

12800 State Hwy 13, STE 400
Savage, MN 55378

838 Coatings System Specification – Asphalt Roof Restoration (838 ARR)

PART 1 – General

1.01 System Description

The 838 Asphalt Restoration System (838 ARR) can be applied to a variety of Asphalt substrates. SBS, APP, Smooth applied and granulated cap sheets may all qualify to be restored if in the proper condition. Always perform an adhesion test as stated in part 3. Should questions arise regarding the appropriateness of the 838 Asphalt Restoration System, please contact 838 Coatings at 763.972.9441 or 800.972.9441.

****838 Coatings does not recommend restoring Gravel Built-Up Roofing with coatings alone.**

1.02 Substrate Conditions

- A. The bonding surface must be free of moisture, oil, grease, dirt, debris, and ice.
- B. Installer shall prepare adhesion test patches as outlined in Part 3.
- C. Any questions regarding compatibility of 838 Coatings products and substrate should be referred to 838 Coatings.

1.03 Delivery Storage and Protection

- A. Store in dry, well ventilated, weathertight location at temperatures between 50°F and 80°F until product is ready to be applied. **Do not allow product to freeze.**
- B. Do not subject roof to stockpiled materials and never stack palletted material more than two high.

1.04 Environmental Conditions

- A. Do not begin work if rain is expected within 24 hours of application. Do not apply water based products (838 TOP, 838 Multi Purpose Primer) when ambient temperatures are expected to fall below 40°F within 12 hours of application. (Note: 838 Supreme, 838 Si-High, 838 Fast-1, Supreme FG and 838 MS (Multi-Purpose Sealant) can be applied at temperatures of 25°F and rising).



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- B. Allow sufficient drying time for coatings. Consider environmental conditions including mist, dew, relative humidity, and condensation. **NOTE:** Any 838 Coatings products that are not cured may be washed off or compromised by rain, mist, dew, condensation and freezing temperatures.

1.05 Warranty

- A. Determination and approval of the applicability of the 838 ARR must be obtained through 838 Coatings corporate offices before any offering of a system warranty. 838 Coatings will not warrant any application installed over an unapproved, unsound or inappropriate substrate.
- B. Installer must be a certified 838 Coatings installer and cannot sub-contract the work to a non-certified installer.
- C. Installer must provide all preapproval paper work to 838 Coatings a minimum of two weeks prior to job start.
- D. The complete 838 ARR (including primer, sealant, coating) must be applied to the roof and there is no warranty for partial applications. In addition, the 838 SPR must be applied to the entire roof and there is no warranty of installations over sections of a roof.
- E. All roof areas that pond water for more than 48 hours after precipitation stops, including gutters and the high side of curb units, are excluded from coverage.

PART 2 Products

2.01 Acceptable Manufacturers

838 Coatings or other 838 Coatings approved manufacturers

2.02 Materials

NOTE: See section 3 for system application instructions. Consult product data sheets

- A. 838 MP Prime (Multi Purpose Primer) ✓
838 MP Prime is a water based acrylic primer/base coat , it is a stain blocking primer designed to lock in asphalt oils prior to coating. 838 MP Prime can be sprayed or roller applied.



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Metal surfaces should be made free of loose rust and scale through wire brushing followed by power washing. 838 MP Prime can be applied by spray or roller at a rate of 3/4 gallon per 100 ft². Do not apply at temperatures below 40°F or above 120°F.

B. 838 MS (Multi-Purpose Sealant) ✓

838 MS is a hybrid moisture cure elastomer sealant designed to seal the seams and fasteners of metal roofs. This hybrid technology is 100% solids and isocyanate free. It has less moisture sensitivity than standard polyurethanes and maintains excellent physical properties (tensile and elongation). 838 MS can be used on multiple roofing substrates as a sealant before the finish coat is applied

838 MS can be poured or extruded and then feathered into place using a brush.

C. 838 Supreme FG (Flashing Grade) ✓

838 Supreme FG is an extremely flexible flashing grade sealant. Designed to seal and flash all major commercial roofing materials. 838 Supreme FG is a high solid based material that works as a multi-purpose Sealant with many roofing uses. Recommend usage with 838 Supreme Elastomeric Roof Coating.

838 Supreme FG can be poured or extruded and then feathered into place using a brush. Application requirements are outlined in Section 3.

D. 838 WebTape or P-Flashing Fabric

838 WebTape has a fabric facing designed to hold both solvent and water-based coatings. WebTape or P-Flashing Fabric can be used over a variety of roofing substrates including: metal, EPDM, PVC, TPO, CSPE and asphalt.

E. 838 TOP™ ✓

838 TOP™ is a water based, spray applied elastomeric roof coating. This white, highly reflective acrylic coating meets the requirements of both ENERGY STAR® and the Cool Roof Rating Council. 838 TOP™ is a "Cool Coating" the helps reduce interior building temperatures by lowering the surface temperature of the roof. After application and curing, the coating forms a membrane with outstanding tensile and elongation properties. This membrane protects the roofing substrate from



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moisture and the sun's harmful UV light providing excellent weathering resistance and exceeding ASTM D-6083.

838 TOP™ can be applied by spray or roller at rates that depend on the application requirements outlined in Section 3. Do not apply at temperatures below 40°F or above 120°F.

F. 838 Supreme™ ✓

838 Supreme™ is an extremely tough SEBS based elastomeric roof coating that meets ENERGY STAR®. This polymer provides a high level of performance and prolongs the life cycle of the substrate for a low total cost of installation. It is incredibly water resistant, demonstrating 0% swelling after being submerged for 168 hrs (ASTM D-471). This coating has high reflectivity, exhibits excellent adhesion and outstanding physical properties. As a solvent based coating, it can be applied in cold weather situations as low as 20°F.

838 Supreme™ can be applied by spray or roller at rates that depend on the application requirements outlined in Section 3. Do not apply at temperatures below 25°F or above 120°F.

G. 838 Si-High ✓

838 Si-High is 100% Silicone based, spray applied elastomeric roof coating. 838 Si-High is a Solvent-Free, one-component, moisture curing, silicone rubber roof coating. This white, highly reflective Silicone coating meets the requirements of both ENERGY STAR® and the Cool Roof Rating Council. 838 Si-High is a "Cool Coating" that helps reduce interior building temperatures by lowering the surface temperature of the roof. After application and curing, the coating forms a membrane with outstanding properties. This membrane protects the roofing substrate from moisture and the sun's harmful UV light thus providing excellent weathering resistance.

838 Si-High can be applied by spray or roller at rates that depend on the application requirements outlined in Section 3. Do not apply at temperatures below 40°F or above 120°F.



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H. 838 Fast-1

838 Fast-1 single step applied elastomeric roof coating is 100% solids, solvent free, and may be applied by brush, roller or squeegee. This Solvent free Silicone Roof Coating is one-component, moisture curing silicone rubber. With its high solids content and absence of hydrocarbon solvents, 838 Fast 1 can be applied in excess of 70 mils in a single coat without blistering, while maintaining maximum adhesion.

838 Fast 1 can be applied by brushed, squeegee or roller applied. Application rates depend on the requirements outlined in Section 3. Do not apply at temperatures below 40°F or above 120°F.

PART 3 – Execution

3.01 Substrate Inspection and Preparation

- A. All substrates must be inspected and any unsatisfactory conditions must be resolved to the satisfaction of manufacturer. **Adhesion testing** should be performed on a minimum of 3 locations per 300 SQ. Extreme caution should be taken when addressing fluoropolymer-based paint (ie Kynar). Any questionable surfaces should have additional adhesion testing performed. Refer to Technical Bulletin “**838 Coatings TB – 3**” for additional requirements on adhesion testing.
- B. The Contractor is responsible for the preparation of the roof substrate. This includes:
 - 1. Remove and replace all deteriorated or wet decking, insulation, and/or other roof system components with like materials. Roof membrane shall be repaired to watertight prior to application of coating system.
 - 2. Repair roof membrane, seams and flashings according to original manufacturer’s written specifications and instructions.
 - 3. Remove and replacing any backing out fasteners to original manufacture specifications.
 - 4. All penetrations and edge details must be addressed during substrate preparation. Any loose pipes or round penetrations should be sealed with a pipe boot. Skylights, pitch pans, parapets and curbs should be sealed as described in section 3.02 section C.



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5. Clean and remove all existing coatings, paints and sealants

*If preexisting coatings cannot be removed (including aluminized asphalt) please contact 838 Coatings corporate office.

6. All repairs must be completed before you power wash. The entire substrate must be pressure washed at 1500 to 2000 psi. Additional measures including the use of TSP (detergent), grit or sand, dilute acid (on galvanized metal), or bleach (for excessive mold and mildew) may be used in combination with power washing. Any additional measures must be completely rinsed off the substrate. All preexisting roofing elements (ie coatings, sealants and paints) must be removed. This includes any asphaltic-based coatings and sealants.

NOTE: Many state and local municipalities require that any run off must be captured and not allowed into the sewer or storm water system. Check with local regulations to be compliant.

3.02 Application

A. Primer/Base Coat

1. 838 MP Prime should be by brush, roller or airless spray at a rate of 1 gallon per sq. Do not apply at temperatures below 40°F or above 120°F.

B. Seaming Details-if necessary

1. Embed P-Flashing Fabric into finish coat at a rate of 1.5-2 gallons per square. Use Coating option of your choice at 1 gallon per sq over the P-Flashing fabric. Or apply 838 MS or Supreme FG at 125 lineal feet per gallon 3" wide (50 Wet mils).

C. All Penetrations:

- a. Skylights, pitch pans, parapets and curbs should be sealed using 838 MS/Supreme FG or a combination of 4 or 6 inch fabric embedded in 838 MS/Supreme FG. Application rate should produce 50 wet mils of coverage.

D. Coating Application options:



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1. **838 TOP:** 838 TOP should be applied in two coats at a minimum rate of 1-2 gallon per SQ per coat. Application rates will vary depending on condition of the roof substrate. After application the resulting dry film thickness minimum is 20 dry mils.
 2. **838 Supreme:** 838 Supreme should be applied in two coats at a minimum rate of 1-1.5 gallon per SQ per coat. Application rates will vary depending on condition of the roof substrate. After application the resulting dry film thickness minimum is 20 dry mils.
 3. **838 Si-High:** 838 Si-High should be applied in two coats at a minimum rate of 1-1.5 gallon per SQ per coat. After application the resulting dry film thickness minimum is 28 mils.
 4. **838 Fast 1:** 838 Fast 1 can be applied in one coat at a minimum rate of 2-3 gallon per SQ. 838 fast 1 must be roller applied. After application the resulting dry film thickness minimum is 30 mils.
- E. **Warranties:** Contact 838 Coatings for warranty requirements.

4.01 Cleanup

- A. Contractor is responsible for cleaning up the job site and disposing of the waste properly.



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PRODUCT INFORMATION SHEET

838 MP Prime

Multipurpose Primer

DESCRIPTION

838 MP Prime is a water based acrylic primer/rust inhibitor designed for bare metal and asphalt coated surfaces. 838 MP Prime has excellent stain blocking characteristics in addition to rust inhibiting properties and aggressive adhesion.

USES

838 MP Prime can be applied over light and scattered rust regardless of whether it is local or widespread across the roof. If a mix of widespread heavy and light rust exists, 838 RustCon should be applied over heavy rust followed by a complete coat of 838 MP Prime. Metal surfaces should be made free of loose rust and scale through wire brushing followed by power washing. Asphalt substrates must

not pond water and be free of ice, snow and all types of debris prior to application. Do not apply if air temperature is below 42°F or substrate temperature is above 120°F.

ADVANTAGES

- Offers Superior rust inhibiting properties
- Excellent stain blocking and adhesion to asphaltic substrates
- Environmentally Friendly – Water based and low VOC
- Warranted – 10 year material warranty
- Available in 5-gallon and 55-gallon containers
- Available in gray

NOTES: For application questions, please call 763-972-9441. See MSDS for additional product information.

838 MP Prime Technical Data

Application Rate	0.5 to 1.0 gallons per 100ft ² depending on substrate – See system specifications
Application Temperature	42°F to 120°F (air and substrate)
Application Method	Airless spray, roller or brush
Drying Time (75°F and 50% RH)	Approximately 2 hrs
Total Solids by weight/volume	55% ± 3% / 40% ± 3%
Weight per Gallon	8.8 lbs/gallon
Viscosity (75°F)	3,000 cps



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PRODUCT INFORMATION SHEET

838 MS (Multi-Purpose Sealant)

Hybrid Moisture Cure Elastomer Sealant

DESCRIPTION

838 MS is a hybrid moisture cure elastomer sealant designed to seal the seams and fasteners of metal roofs. This hybrid technology is 100% solids and isocyanate free. It has less moisture sensitivity than standard polyurethanes and maintains excellent physical properties (tensile strength and elongation).

USES

838 MS is designed to encapsulate seams and fastener heads on metal roofs with minimal sag. Additionally, it can be used to seal gutters and penetrations (750 ml re-sealable pouches work well in these applications). 838 MS is typically poured or extruded onto the required. Contact 838 Coatings if surface temperature is over 120 degrees before installation.

ADVANTAGES

- 100% solids, solvent free and isocyanate free
- Completely encapsulates seams and fasteners
- Tough Physical Properties - high tensile strength and excellent elongation
- Excellent sag resistance
- Warranted - 10 year material warranty
- Available in 2-gallon and 5-gallon
- Also available in 750 ml re-sealable pouches

NOTES: For application questions, please call 763-972-9441. See MSDS for additional product information.

838 MS Technical Data

Application Rate	1.0 gallon per 120 lineal feet
Application Temperature	42°F to 120°F (air and substrate)
Application Method	Extrusion, pour or brush
Drying Time (75°F and 50% RH)	Tack Free 1.5 hrs
Total Solids	100% by volume
Weight per Gallon	11.7 lbs
Viscosity (75°F)	100,000 cps
Elongation / Tensile Strength	450% ± 30% / 200 ± 30 psi
VOC	< 1 g/l



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PRODUCT INFORMATION SHEET

Supreme FG-White

Solvent base Flashing /Pourable Grade Sealant

DESCRIPTION

838 Supreme FG is an extremely flexible flashing grade sealant. Designed to seal and flash all major commercial roofing materials. 838 Supreme FG is a high solid based material that works as a multi-purpose Sealant with many roofing uses. Recommend usage with 838 Supreme Elastomeric Roof Coating.

ADVANTAGES

- Excellent Sag Resistance
- Warranted-10 year Material Warranty
- Completely UV Stable
- Adheres to Dry surface
- Cure times to coat 6-24 hrs.
- Available in 3-gallon pails
- Available in Flashing or Pourable grade
- Easy Application

NOTES: Best when used with 838 Supreme Elastomeric Roof Coating. For application questions, please call 763-972-9441. See SDS for additional product information

Application Rate	80 lineal ft per gallon
Total Solids by Volume ASTM D-2369	62 (±3)
Tensile Strength, ASTM D412	104 psi
Elongation ASTM D412	913%
Weight per Gallon	9.7 lbs.
VOC	495g/L
Color	White
Shelf Life	1 Year



838 COATINGS

12800 State Hwy 13, STE 400
Savage, MN 55378

PRODUCT INFORMATION SHEET

838 WebTape

Coating Ready Tape with Web Face

DESCRIPTION

838 WebTape has a facing designed to hold both solvent and water based coatings. Web tape can be used over a variety of roofing substrates including: metal, EPDM, PVC, TPO, CSPE and asphalt.

USES

WebTape can be used on metal to seal roof joints and gutters. It can also be used to seal tears and holes in membranes, flashings, and skylights. WebTape can stick to itself and it can be cut or folded to fit around objects. Surfaces must be clean and dry before

application. Use PlyPrime before installing WebTape on membranes to promote adhesion. Roll web face with pressure after application. Coating must be applied over WebTape applications.

ADVANTAGES

- Use with solvent or water based coatings
- Sticks to a wide variety of substrates
- Apply to temperatures below 0°F
- Available in 4 and 6 inch widths
- Available in off-white

NOTES: For application questions, please call 763-972-9441. See MSDS for additional product information.

838 WebTape Technical Data

Adhesion	19 lbs/in width
Application Temperature	-20°F to 150°F (air and substrate)
Elongation	>500%
Water Vapor Test (ASTM E-96B)	0.005 g/100in ² /24hrs/100°F
Total Thickness	30 mils
Roll Sizes	4" and 6" by 50 ft



838 COATINGS

12800 State Hwy 13, STE 400
Savage, MN 55378

PRODUCT DATA SHEET – 838 FABRIC

838 Roofing Fabric is a stitchbonded, 100% polyester, reinforced material. It is a white, 3 oz, flexible fabric made specifically for roofing. Standard packaging sizes are 300 ft rolls in 6" and 30" widths.

Tensile Strength	WARP 74 lbs, WEFT 45 lbs	ASTM D5043
Elongation at break	WARP 21.3%, WEFT 51.3%	ASTM D5043
Elongation	63%	ASTM D1682
Ball Burst	111 lbs	ASTM D3787
Mullen Burst	177 lbs	ASTM D3786
Trapezoid Tear	WARP 13.5 lbs, WEFT 24.2 lbs	ASTM D1117
Thickness	0.018	
Gauge	18	
CPI	18	
Finished Weight	3.41 oz/square yard	



838 COATINGS

12800 State Hwy 13, STE 400
Savage, MN 55378

PRODUCT INFORMATION SHEET

838 TOP™

Elastomeric Roof Coating

DESCRIPTION

838 TOP™ is a water based, spray applied elastomeric roof coating. This white, highly reflective acrylic coating exceeds ENERGY STAR® requirements. 838 TOP™ is a "Cool Coating" that helps reduce interior building temperatures by lowering the surface temperature of the roof. After application and curing, the coating forms a membrane with outstanding tensile and elongation properties. This membrane protects the roofing substrate from moisture and the sun's harmful UV light providing excellent weathering resistance and exceeding ASTM D-6083.

USES

838 TOP™ is designed to protect and adhere to a variety of roofing substrates including: metal, EPDM, PVC, spray polyurethane foam (SPF), wood and concrete. It may be applied

by brush, roller or airless sprayer. Substrate must not pond water and be free of ice, snow and all types of debris prior to application. Do not apply if air temperature is below 42°F or substrate temperature is above 120°F.

ADVANTAGES

- Highly Reflective - to reduce roof substrate temperatures
- Environmentally Friendly - Water based and low VOC
- Tough Physical Properties - high tensile strength and excellent elongation
- Warranted - 10 year material warranty
- Available in 5-gallon, 55-gallon and totes
- Available in white and gray (ie as a base coat)

NOTES: For application questions, please call 763-972-9441. See MSDS for additional product information.

838 TOP™ Technical Data

Application Rate	1.0 to 4.0 gallons per 100ft ² depending on substrate – See system specifications
Application Temperature	42°F to 120°F (air and substrate)
Application Method	Airless spray, roller or brush
Drying Time (75°F and 50% RH)	Approximately 24 hrs (at a rate of 1.5 gallons per 100ft ²)
Total Solids by weight/volume	67% ± 3% / 53% ± 3%
Weight per Gallon	11.75 lbs
Viscosity (75°F)	17,000 ± 3,000 cps
Elongation / Tensile Strength	256% ± 30% / 500 ± 30 psi
Water Permeability	4.4 perm inch
Reflectivity / Emissivity	85 / 86
Exceeds requirements of ASTM D-6083 for Acrylic Roof Coatings	

838 Supreme™
 Elastomeric Roof Coating

DESCRIPTION

838 Supreme™ is an extremely tough Kraton based elastomeric roof coating. This white, highly reflective coating exceeds ENERGY STAR® roof coating requirements. 838 Supreme™ is a "Cool Coating" that helps reduce interior building temperatures by lowering the surface temperature of the roof. Additionally, it is incredibly water resistant, demonstrating 0% swelling after being submerged for 168 hrs (ASTM D-471). In addition to high reflectivity, 838 Supreme™ exhibits excellent adhesion and as a solvent based coating, it can be applied in cold weather situations as low as 20°F. After application and curing, the coating forms a membrane with outstanding tensile and elongation properties. This membrane protects the roofing substrate from moisture and the sun's harmful UV light providing excellent weathering resistance.

USES

838 Supreme™ is designed to protect and adhere to a variety of roofing substrates

including: metal, EPDM, PVC, spray polyurethane foam (SPF), wood and concrete. It may be applied by brush, roller or airless sprayer. Substrate must not pond water and be free of ice, snow and all types of debris prior to application. Do not apply if air temperature is below 20°F or substrate temperature is above 120°F.

ADVANTAGES

- Highly Reflective and designed to reduce roof substrate temperatures
- 0% Water Swelling (20mil film, 73 °F, 168 hrs in water ASTM D-471)
- Tough Physical Properties - high tensile strength and excellent elongation
- Warranted – 10 year material warranty
- Available in 5-gallon, 55-gallon and totes
- Available in white and gray (ie as a base coat)

NOTES: For application questions, please call 763-972-9441. See MSDS for additional product information.

838 Supreme™ Technical Data

Application Rate	1.0 to 3.0 gallons per 100ft ² depending on substrate – See system specifications
Application Temperature	20°F to 120°F (air and substrate)
Application Method	Airless spray, roller or brush
Drying Time (75°F and 50% RH)	Approximately 24 hrs (at a rate of 1.5 gallons per 100ft ²)
Total Solids by weight/volume	>65% / >50%
Weight per Gallon	12.1 lbs
Viscosity (75°F)	16,000 ± 3,000 cps
Elongation / Tensile Strength	> 850% / > 500 psi
Water Permeability	4.3 perms
Water Swelling (20 mil film, 73°F, 168 hrs)	0.0%



838 COATINGS

12800 State Hwy 13, STE 400
Savage, MN 55378

PRODUCT INFORMATION SHEET

838 Si-High

High Solids Elastomeric Coating

DESCRIPTION

838 Si-High is a silicone based, high solids, Solvent-free elastomeric roof coating. This white, highly reflective coating exceeds ENERGY STAR® roof coating requirements. 838 Si-High is a "Cool Coating" that helps reduce interior building temperatures by lowering the surface temperature of the roof. In addition to high reflectivity, 838 Si-High exhibits excellent adhesion and as a solvent based coating, it can be applied in cold weather if substrate is dry and frost free. After application and curing, the coating forms a durable membrane that is both weatherproof and breathable. This membrane protects the roofing substrate from moisture and the sun's harmful UV light providing excellent weathering resistance.

USES

838 Si-High is designed to protect and adhere to a variety of roofing substrates including: metal, EPDM, PVC, spray polyurethane foam (SPF), wood and concrete. It may be applied by brush, roller or airless sprayer. Substrate must not pond water and be free of ice, snow and all types of debris prior to application. Contact manufacturer if substrate temperature is above 120°F.

ADVANTAGES

- Highly Reflective and designed to reduce roof substrate temperatures
- 100% Silicone
- 0% Water Swelling
- Warranted – 10 year material warranty
- Available in 5-gallon, 55-gallon
- Breathable

NOTES: For application questions, please call 763-972-9441. See SDS for additional product information.

838 Si-High Technical Data

Application Rate	1.0 to 4.0 gallons per 100ft ² depending on substrate – Contact manufacturer
Application Temperature	40°F to 120°F (substrate)
Application Method	Airless spray, roller or brush
Total Solids by volume, ASTM D-2369	>93%
Weight per Gallon	12.1 lbs
Viscosity (75°F)	22,000 ± 3,000 cps
Elongation / Tensile Strength	> 239% / > 247 psi
Water Permeability, ASTM E-96	10.7 perms
Water Swelling (20 mil film, 73°F, 168 hrs)	0.0%
Solar Reflectivity, ASTM C-1549	89%
Emissivity, ASTM C-1371	90
Flame Spread, ASTM E-108	Class A



838 COATINGS

12800 State Hwy 13, STE 400
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PRODUCT INFORMATION SHEET

838 Fast-1

Single Step Applied - Elastomeric Roof Coating

DESCRIPTION

838 Fast-1 Single Step Applied Solvent-Free Elastomeric Roof Coating, is a one-component, moisture cure, rubber roof coating. 838 Fast-1 is designed as a high performance protective coating for a variety of roofing surfaces. This white, highly reflective coating exceeds ENERGY STAR® roof coating requirements. 838 Fast-1 is a "Cool Coating" that helps reduce interior building temperatures by lowering the surface temperature of the roof. 838 Fast-1 forms a breathable yet waterproof roofing membrane that is highly resistant to weathering.

USES:

838 Fast-1 is designed for single step application of up to 3.0 gal/SQ. It can be used on existing smooth surface BUR, granulated cap sheet, well-adhered acrylic coating, concrete, metal, sprayed-in-place polyurethane foam and various single-ply membrane roofing.

Cure times between 1-4 hrs.

ADVANTAGES

- Single Step Application
- VOC-less than 50 grams/liter
- Water Resistance- 0% Swelling
- Completely UV Stable
- Breathable
- Available in 5-gallon pails

NOTES: For application questions, please call 763-972-9441. See SDS for additional product information.

Application Rate	1-3 gallons per 100sq ft. depending on substrate-See Systems Specification
Application Temperature	40° to 120° (Air & Substrate)
Total Solids by Volume ASTM D-2369	96 (±2)
Tensile Strength, ASTM D-412	350 psi
Elongation ASTM D-412	174%
Permeability, ASTM E-96	10.7 perms
Flame Spread ASTM E-108	Class A
Initial Solar Reflectivity, ASTM C-1549	89
Initial Thermal Emissivity, ASTM C-1371	90

ASPHALT RESTORATION

838
COATINGS

P.O. Box 467
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ROOF COATING SPECIALISTS



WHO WE ARE

838 Coatings™ is a company focused on lowering the life cycle cost of existing roofs. This is accomplished through maintenance, repair and restoration of nearly all ages and types of existing roofs. These roofing substrates include metal, EPDM, PVC, TPO, asphalt and polyurethane foam. We support and work with certified roofing contractors across the country.

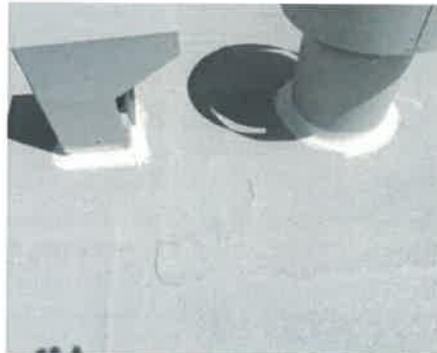
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838coatings.com



PRESERVE YOUR ASPHALT ROOF FROM FURTHER DETERIORATION:

- **MP Prime**-Locks in asphaltic oils
- Prevents bleed through that causes staining



Stop your leaks:

- 100% Solids **838 MS** (Metal Seal) Hybrid Elastomer
- Universal repair material for seams, penetrations, pitch pockets and edge details
- No VOCs and no free isocyanates means **NO BLISTERS!!**



Preserve and Protect Your Investment:

- Lower your Life Cycle Cost
- Renewable System
- Highly Reflective - Energy Saving
- Variety of chemistries
- Extremely high tensile strength, and elongation
- 0% Swelling after 168 hrs submerged in water

ROOF COATING SPECIALISTS

838 MS (Multipurpose sealant) Universal Roof Repair Sealant

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838 MS as Universal Sealant:

- 100% Solids – means no shrinkage
- No VOCs and no free isocyanate
- Excellent Elongation + Tensile Strength = TOUGH
- Excellent adhesion to Asphalt, Metal, EPDM, PVC, Aged TPO, Concrete and Brick

Available in: 5's, 2's and Resealable Pouches



838 MS as Metal Seam Sealer:

- 100% Solids – 50 wet mils becomes 50 dry mils = less product required
- Seals Seams, Fasteners and Penetrations
- No Fabric Needed
- No free isocyanate means NO BLISTERS along the seams and around fastener heads



838 MS for Flashing Units:

- **838 MS**- Conforms and configures to what ever shape it is applied
- Hangs vertical with virtually no slumping at 50 mils
- Adheres to all major roofing substrates

ROOF COATING SPECIALISTS

SINGLE-PLY RESTORATION



BEFORE

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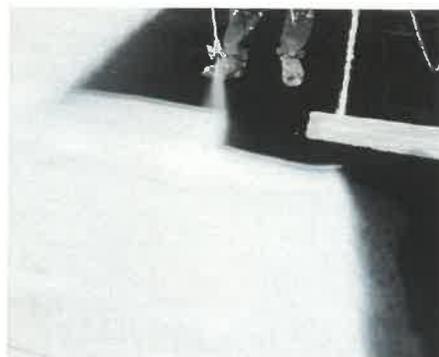
Primier-Adhesion is King:

- PlyPrime is a stay in place solvent primer
- Promotes adhesion to all single-ply materials
- One part user friendly application



Stop the leaks:

- Use WebTape on any open seams
- Reinforce thermoset membranes such as EPDM at a fraction of the cost as pressure sensitive tapes
- Build up the problem areas to ensure long term performance



Preserve and Protect Your Investment:

- Lower your Life Cycle Cost
- Renewable System
- Highly Reflective - Energy Saving
- Variety of chemistries
- Extremely high tensile strength, and elongation
- 0% Swelling after 168 hrs submerged in water

ROOF COATING SPECIALISTS

THE BEST ROOF COATINGS AVAILABLE



838 Coatings™ are designed to adhere to:

- Metal
- Cap Sheet
- Aged single ply – EPDM, TPO and PVC
- Concrete
- Aged Asphalt
- Spray Polyurethane Foam
- Modified Bitumen

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838 TOP™ Elastomeric Roof Coating

838 TOP™ is a water based, spray applied elastomeric roof coating. This white, highly reflective acrylic coating is a “Cool Coating” that helps reduce interior building temperatures by lowering the surface temperature of the roof. After application and curing, the coating forms a membrane that protects the roofing substrate from moisture and the sun’s harmful UV radiation providing excellent weathering resistance

- 30 years of proven performance - uses highest performing acrylic roofing resins
- Highly Reflective - exceeds ENERGY STAR™ and CRRC minimums to reduce roof substrate temperatures
- Environmentally Friendly - Water based and low VOC
- Tough Physical Properties - high tensile strength and excellent elongation
- Exceeds ASTM D-6083 performance requirements

ROOF COATING SPECIALISTS



**838
COATINGS**

WHO WE ARE

838 Coatings™ is a company focused on lowering the life cycle cost of existing roofs. This is accomplished through maintenance, repair and restoration of nearly all ages and types of existing roofs. These roofing substrates include metal, EPDM, PVC, TPO, asphalt and polyurethane foam. We support and work with certified roofing contractors across the country.

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838 Supreme™

Elastomeric Roof Coating

838 Supreme™ is an extremely tough Kraton based elastomeric roof coating. This white, highly reflective coating meets the requirements of both ENERGY STAR® and the Cool Roof Rating Council. After application and curing, the coating forms a membrane with outstanding tensile and elongation properties. This membrane protects the roofing substrate from moisture and the sun's harmful UV radiation providing excellent weathering resistance.

Compare 838 Supreme™ to Silicone

	838 Supreme™	Typical Silicone
Dirt Pick-Up Resistance	YES	NO
Tensile Strength (psi)	550	480
Elongation (%)	850	190
Elongation after 1000 hrs of Accelerated Weathering (%)	800	170
Tear Resistance (lbf/in)	130	40
Water Swelling (%)	0.0	0.0

- Resists dirt pick-up and stays whiter longer
- Withstands ponding water
- 0% Water Swelling (20mil film, 73 °F, 168 hrs in water ASTM D-471)
- Temperature Application Range 32 - 120°F
- Can withstand rain in as little as 2 hrs
- 2 Coat application - no priming required for most substrates*
- Extremely tough physical properties

*Always perform adhesion test to substrate before application

ROOF COATING SPECIALISTS

838 SI-HIGH ROOF COATING



BEFORE

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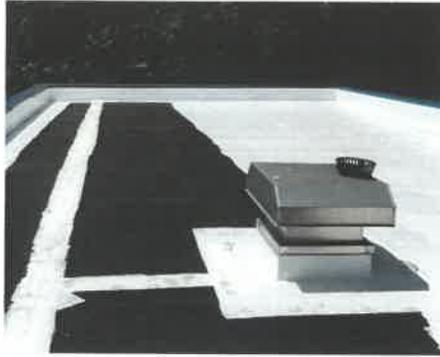
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838
COATINGS

WHO WE ARE

838 Coatings™ is a company focused on lowering the life cycle cost of existing roofs. This is accomplished through maintenance, repair and restoration of nearly all ages and types of existing roofs. These roofing substrates include metal, EPDM, PVC, TPO, asphalt and polyurethane foam. We support and work with certified roofing contractors across the country.



838 SI-HIGH COATING:

- 100% Silicone
- UV Stable
- Ponding water resistant
- Leading class warranties available
- Seamless waterproofing
- Reduce Roof Maintenance
- Breathable
- Avoid Costly Tear offs
- Great for Flat and low slope roofs
- Excellent resistant to Mold and Mildew



838 SI-HIGH CAN RESTORE:

- Single-Ply Membrane (TPO, EPDM, PVC)
- Concrete
- Foam
- Asphalt and Mod Bit



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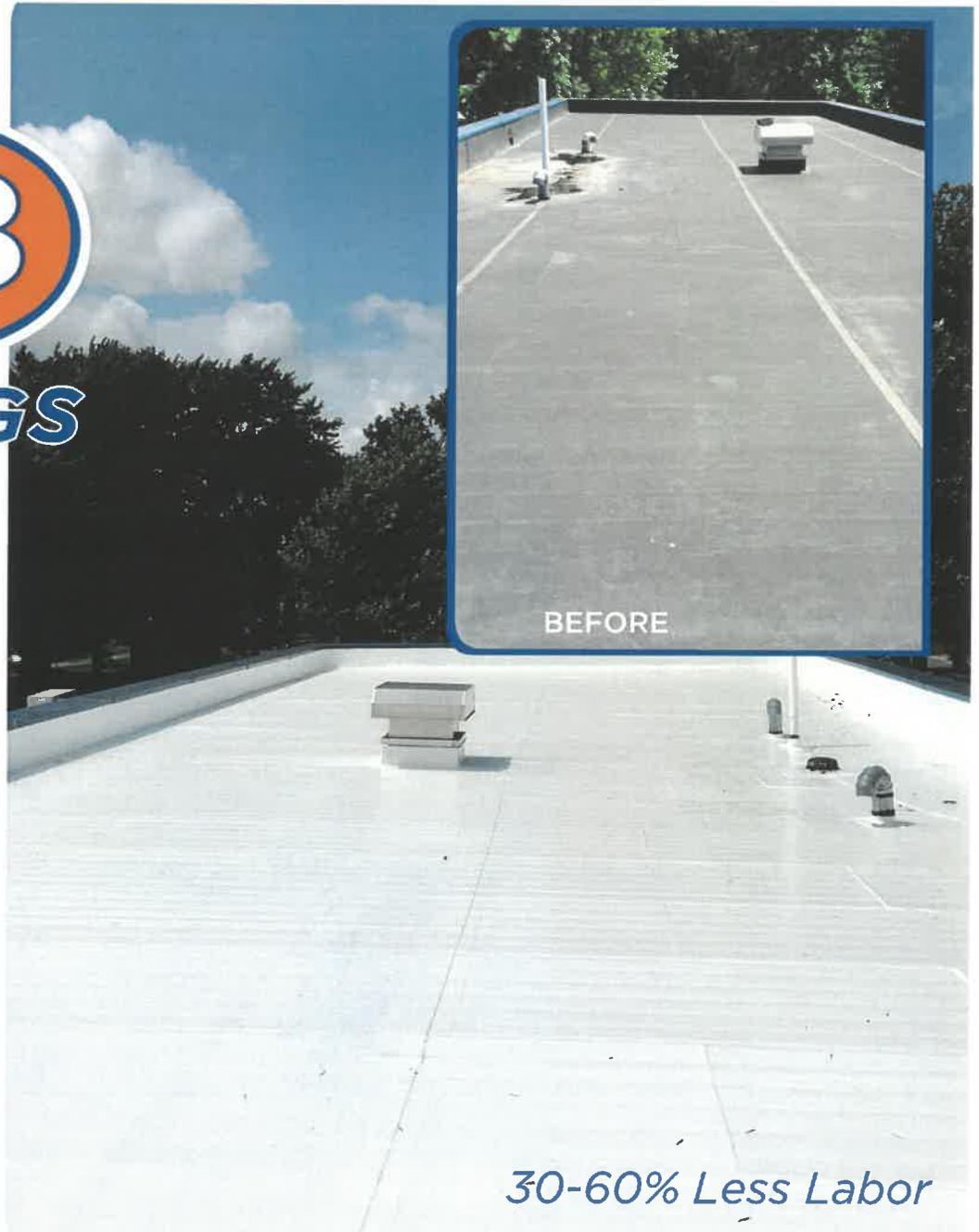
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ROOF COATING SPECIALISTS

838 FAST

Single Step Applied Elastomeric Roof Coating

838
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30-60% Less Labor

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ROOF COATING SPECIALISTS



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WHO WE ARE

838 Coatings™ is a company focused on lowering the life cycle cost of existing roofs. This is accomplished through maintenance, repair and restoration of nearly all ages and types of existing roofs. These roofing substrates include metal, EPDM, PVC, TPO, asphalt and polyurethane foam. We support and sell to certified roofing contractors across the country.

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838 FAST1 COATING:

- Superior hang resistance
- 30-60% less labor
- No primer needed
- Low VOC
- Self flashing
- UV stable
- Ponding water resistant
- Leading class warranties available
- Seamless waterproofing
- Reduce roof maintenance
- Breathable
- Avoid costly tear offs
- Great for flat and low slope roofs
- Excellent resistance to mold and mildew
- Apply in one pass

838 FAST1 CAN RESTORE:

- Single-Ply Membrane (TPO, EPDM, PVC)
- Concrete
- Foam (SPF)
- Asphalt and mod bit

ROOF COATING SPECIALISTS



838 Coatings™ - 20 YEAR SYSTEM WARRANTY

Building Owner _____

Name / Building Type _____

Address of Building _____

ROOFING CONTRACTOR: _____

Name / Address of Contractor _____

Warranty

838 Coatings warrants to the original owner of the building described above, for a period of 20 years, that 838 Coatings will repair leaks through the coating system resulting from a manufacturing defect, ordinary wear and tear, or workmanship in applying 838 Coatings products. Leaks caused by any materials other than 838 Coatings approved products, such as, the roof deck, insulation, pre existing roofing components or any other unapproved products, are not covered. 838 Coatings' maximum liability under this warranty shall not exceed in the aggregate over the life of this warranty more than the original cost of the applied 838 Coatings products.

Notification of Claim

In the event of any claim against this warranty, the original owner must notify 838 Coatings in writing (either by email at warranties@838coatings.com or by mail to 838 Coatings Warranties, (12800 State Hwy 13 S, STE 400, Savage, MN 55378) and provide proof of purchase and application within 30 days of discovery. NOTE that notice to your contractor is NOT notice to 838 Coatings. 838 Coatings shall have the right to inspect the application before incurring any obligation hereunder. 838 Coatings may require owner to submit photographs or samples, at your expense.

Additional Owner Responsibilities

- a) You must perform regular inspections and maintenance and keep records of this work.
- b) To keep this warranty in effect, you must repair any conditions in the building structure or roofing system that 838 Coatings concludes may be threatening to the 838 Coatings products.
- c) You may make temporary repairs to minimize damage to the building or its contents, at your sole expense. These repairs will not result in cancellation of the this warranty as long as they are reasonable and do not result in permanent damage to 838 Coatings applied products.
- d) Any items, equipment or material that impedes inspection or repair must be moved or removed at your expense.

Exclusions from Coverage

This warranty does not cover conditions other than leaks. This warranty does not cover leaks caused by any of the following:

1. Inadequate roof maintenance as addressed in a) above.
2. Damages to 838 Coatings products resulting from anything other than an inherent manufacturing defect in the 838 Coatings products, such as; (a) faulty application or application that is not in strict accordance with 838 Coatings printed application instructions; (b) exposure of 838 Coatings products to damaging substances, such as chemicals, oils, or solvents; (c) settlement, movement, or defects in the building or roofing system, including inadequate drainage (ponding water); (e) any changes in the color or appearance of the 838 Coatings products including, but not limited to fading, dirt and pollutant discoloration and weathering; (f) moisture migration from the building interior or any building component other than 838 Coatings materials; or (g) use of materials that are incompatible and not approved with 838 Coatings materials.
3. Damage to 838 Coatings products resulting from causes beyond normal wear and tear, such as unusual weather conditions or natural disasters, including but not limited to, windstorms, hail, floods, hurricanes, lightning, tornados, and earthquakes.

No representative, employee, or agent of 838 Coatings or any other person, has authority to assume for 838 Coatings any additional liability or responsibility unless it is made in writing and signed by 838 Coatings corporate offices.

This limited warranty may be suspended or cancelled:

- a) If the roof is damaged by any cause listed above.
- b) If unauthorized repairs are made to 838 Coatings products and systems with materials other than 838 Coatings products (approved in writing).
- c) If payment in full is not made to 838 Coatings and/or contractor for all 838 Coatings products supplied to the project.

Limitation of Damages; Mediation; Jurisdiction; Choice of Law; Non-Assignability

This warranty is in lieu of any other warranties, expressed or implied, including and implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability of 838 Coatings, whether any claim against it is based upon negligence, breach of warranty, or any other theory. In no event shall 838 Coatings be liable for any consequential or incidental damages of any kind, including, but not limited to, interior or exterior damages and/or mold growth.

The parties agree that, as a condition precedent to litigation, any controversy or claim relating to this warranty shall be first submitted to mediation before a mutually acceptable mediator. In the event that mediation is unsuccessful, the parties agree that neither one will commence or prosecute any lawsuit or proceeding other than before the appropriate state or federal court in the state of Minnesota. This warranty shall be governed by the laws of the state of Minnesota, without regard to principles of conflicts of laws. Each party irrevocably consents to the jurisdiction and venue of the above identified courts.

You may transfer or assign this warranty to a subsequent owner of this building for the remaining term provided: 1) a request is made in writing to 838 Coatings at the address listed below within 60 days of the ownership transfer; 2) you make any repairs to 838 Coatings materials or other roofing components identified by 838 Coatings after inspection as necessary; 3) you pay an assignment fee of \$750. This warranty is NOT otherwise transferable or assignable by contract or operation of law, either directly or indirectly.

By: _____ Warranty Expiration Date / Warranty #: _____
Authorized Signature Date

SILICONE COATING

GAF



Design Services

We
protect
what
matters
most™

September 18, 2023

RamTech Roofing LLC
3000 S Hulen St.
Fort Worth, TX 76109

Subject: Contractor/System Certification

Project: Central Maintenance Facility
129 W Range Rd
Pineville, LA 71360

Project Identifier: PD-00023149 REV 1
Quote Number: QUO-12137-7PZBG8 – 1

To Whom It May Concern:

Please allow this letter to confirm that the contractor listed above is a GAF Premium Coating Roofing Contractor for liquid-applied roofing systems and is eligible to obtain the guarantee listed below.

The GAF roofing specification as listed below is eligible to obtain a 20 year Liquid-Applied Diamond Pledge™ NDL Roof Guarantee; provided all current GAF application requirements are followed and guarantee procedures are met.

Requirements:

- Roof must be clean, dry and tight
- Remove and replace any wet areas and repair membrane with like materials.
- Refer to Technical Data Sheet for product specific application and surface temperature restrictions.
- Before coating is applied, an adhesion test is required to ensure an adhesion of a minimum of 2.0 PLI. Test patches to be applied with system rates listed below.
- Treat "alligatored" areas or surface cracks, roof penetrations, drains, curbs and scuppers. (Refer to Substrate Preparation section for requirements).
- Ensure the roof is free of dirt, debris, oil, and other contaminants that could negatively affect adhesion.
- Conduct moisture survey.

Existing Mod Bit: Power wash the existing roof to ensure it is free of dirt, debris, oil and other contaminants that could negatively affect adhesion. GAF Cleaning Concentrate is recommended to clean the existing surface. Allow roof to completely dry prior to the application of the coating.

GAF Acrylic Base Coat: Apply the first coat of GAF Acrylic Base Coat using an airless sprayer, roller or brush at the rate of 1.5 gallon per 100 sq. ft.

GAF Silicone Mastic with GAF Premium Fabric (Repair Areas): Treat seams using GAF Silicone Mastic with GAF Premium Fabric as follows; 3-course loose seams only using 6" fabric and mastic at the rate of 1.25 gallons per 100 sq. ft. per course. All other seams must be treated with mastic only at the rate of 1.25 gallons per 100 sq. ft.

GAF Silicone Mastic: Treat all flashing and penetrations using GAF Silicone Mastic as follows; 4 gallons per 100 sq. ft. applied in one 12" wide course.



Design Services

We
protect
what
matters
most™

GAF Unisil High Solids Silicone Roof Coating: Apply the second coat of GAF Unisil High Solids Silicone Roof Coating using an airless sprayer, roller or brush at the rate of 2.5 gallon per 100 sq. ft. Coating may be applied in a single pass if substrate and slope conditions allow (no slumping), and the required DFT (dry mils) are met.

The above listed roofing system is based on GAF guarantee requirements and is not intended to modify, negate, or alter any requirements specified by the design professional, local building codes, or others.

If you have any further questions, please contact us at 877-423-7663 (Option 4, Option 3). Thank you for choosing GAF.

Sincerely,

Brittany Castillo

Brittany Castillo
Design Services Specialist



**We
protect
what
matters
most™**

About Us

As a Standard Industry Company, GAF is part of the largest roofing and waterproofing business in the world. Standard Industries is a global organization focused on building materials with businesses that range from roofing and waterproofing to industry changing solar solutions, business real estate and investment platforms. Other Standard brands include GAF Energy, BMI, Schiedel, SGI, Siplast, 40 North and Winter Properties.

We Protect What Matters Most

GAF manufactures and sells roofing materials for residential and commercial roofing applications. We began as The Standard Paint Company in 1886 and innovation is deeply rooted in our history:

- In 1892, we introduced the first asphaltic roll roofing product.
- In 1967, we created the first laminated shingle, the Timberline® Shingle which went on to become North America's best-selling shingle.
- In 2010, we developed the first solar grade TPO membrane to drive performance, as roofing membranes became expected to do more than just shed water.
- In 2011, we were the first roofing manufacturer to offer a Lifetime Limited Warranty on all of its laminated shingles.

These are just a few examples of the innovation GAF has contributed to the roofing industry. The GAF culture is driven through innovation and commitment to our customers.

A Leader in the Roofing Industry

GAF's annual revenues exceed \$3 billion dollars. The company employs over 3,700 people and has 34 plants domestically. Corporate headquarters is located in Parsippany, NJ, with numerous regional sales offices across the country. GAF Canada is headquartered in Toronto.

In Choosing GAF

- Know that 1 in 4 homes in the US are protected by a GAF roof.
- With a deep, broad range of product offerings we have technology options that assure the best choice for your application. Whether it's low slope, steep slope, new construction, tear off, recover or restoration, talk to GAF first.
- We are committed partners in the communities where we live and work.
 - We leverage our people, products and funds in three key social impact priorities.
 - Disaster Resiliency, Helping Neighbors and Building Communities

Thank You!

The entire team is dedicated to supporting your needs, with Territory Managers and Field Services Inspectors based locally and centralized Technical and Submittal Support teams in place. Questions?

Design Services

877-423-7663 option 4, option 3

designservices@gaf.com



Central Maintenance Facility, 129 W Range Rd, Pineville, LA 71360

COMPONENT	TYPE	REQUIRED	ATTACHMENT	RATE OF APPLICATION
EXISTING SUBSTRATE	Existing Mod Bit	Prepare substrate as defined below.		
EXISTING SURFACE PREPARATION	GAF Cleaning Concentrate	Substrate must be clean and dry prior to installing coating materials.	Dilute at the rate of 1 part concentrate to 10 parts water. Apply diluted mixture under low pressure spray at 0.50 gallon per 100 sq. ft.	Rinse clean with water using high pressure. A minimum working pressure of 2,000 psi (3,000 psi for concrete, metal and EPDM) is to be used to remove all dirt, dust, chalking and waste products (oils, solvents, grease, animal fats, etc). All loose or delaminating coatings must be removed as part of the cleaning process. Allow at least 48 hours for drying after the cleaning process.
BASE COATING	GAF Acrylic Base Coat Color: Light Gray	1 coat	Airless Sprayer, Brush or Roller	1.5 gallon per 100 sq. ft Approximately: 12.51 Dry Mills Approximately: 24.06 Wet Mills
FLASHING - SEAM/JOINT TREATMENT (REPAIR AREAS)	GAF Silicone Mastic with GAF Premium Fabric	As required	Approved roof brush or trowel	3-course loose seams only using 6" fabric and mastic at the rate of 1.25 gallons per 100 sq. ft. per course. All other seams must be treated with mastic only at the rate of 4 gallons per 100 sq. ft.
FLASHING - DETAILS AND PENETRATIONS	GAF Silicone Mastic	1 coat	Approved roof brush or trowel	4 gallons per 100 sq. ft. applied in one 12" wide course.
TOP COATING	GAF Unisil High Solids Silicone Roof Coating Color: White	1 Coat	Airless Sprayer, Brush or Roller	2.5 gallon per 100 sq. ft. Approximately: 38.90 Dry Mills Approximately: 40.1 Wet Mills
GUARANTEE	Liquid-Applied Diamond Pledge™ ND L Roof Guarantee	20 years	Total System WMT: 64 Total System DFT: 51	Guarantee fee applicable

Roof must have positive drainage. Allow at least 24 hours dry time prior to the application of subsequent coats. Inspect for defects, (gaps cracks, fishmouths, flaws or holidays etc.) and repair as required, prior to application of subsequent coats. Where multiple coats are applied, it is recommended that contrasting colors be used for each coat to ensure positive, uniform coverage. When contrasting colors are installed, GAF strongly recommends that the topmost layer(s) of coating contain 1 dry mil per year of guarantee duration. Final coat allow a minimum of 24 hours drying time prior to allowing foot traffic or inspection. .
*Dry time will vary depending on weather conditions.

For silicone coatings, allow a maximum of 24 hours dry time prior to the application of subsequent coats. Inspect for defects, (gaps cracks, fishmouths, flaws or holidays etc.) and repair as required, prior to application of subsequent coats. Where multiple coats are applied, it is recommended that contrasting colors be used for each coat to ensure positive, uniform coverage. When contrasting colors are installed, GAF strongly recommends that the topmost layer(s) of coating contain 1 dry mil per year of guarantee duration. After application of final coat allow a minimum of 24 hours drying time prior to allowing foot traffic or inspection. *Dry time will vary depending on weather conditions.

****When installing HS silicone in a single pass, this is acceptable provided the substrate and slope conditions allow (no slumping) and the required DFT (dry mils) are met. Acceptance is pending based on the ability to meet the required millage. If dry mils are short, additional coating applications may be required.****

A moisture survey is required, and the results must be sent to GAF for review. Moisture surveys include IR scans, nuclear scans, test/core cuts and portable devices used to indicate moisture. If the moisture survey reveals more than 20% of the roof area is wet, GAF strongly recommends that you use other reroofing options. If moisture survey shows less than 20% wet, remove/replace all wet areas. Make typical repairs with original roof technology.

In order to be eligible to obtain the guarantee/warranty requested, contractors MUST be enrolled in GAF's Certified Contractor Program at the required level. Contact GAF at 877-423-7663 for more information. Additionally, all standard requirements for warranty or guarantee issuance must be satisfied. See the current edition of the relevant application and specification manual for specific requirements. Any supplemental or traffic surfacing installed over primary roof system is not covered under the Emerald Pledge or Diamond Pledge guarantee.

Actual application rates will depend on the texture and porosity of the substrate. Adhesion testing (minimum 2 PLI) is required and results must be submitted to GAF with guarantee registration. Fastener pull tests may be required on projects with insulation. All substrates must be clean and dry prior to the application of flashing materials or coatings. Each roof has unique requirements. This specification is a graphic representation of products and their installation. To properly assess specific roofing needs, code compliance, system configurations and warranty eligibility, contact Design Services. Note: Your Field Services or Technical Services Managers are the only employees who can approve any deviation from GAF's published specification manual(s). Always review the appropriate Application & Specification Manual before commencing this project, as the Manual may contain information that is important for a successful installation. This Cut Spec specification shall not waive, supersede or alter the requirements and recommendations found in the most current Application & Specification Manual(s) referenced above, printed technical bulletins or specific correspondence drafted for this project by Field Services or Technical Services Manager.



Cleaning Concentrate - Data Sheet

PRODUCT DESCRIPTION

GAF Cleaning Concentrate is a highly effective cleaning agent and degreaser that, when combined with water, penetrates the existing coating or substrate and allows contaminants to be flushed from the surface.

APPROVED SUBSTRATES

Existing elastomeric coating on roofs, metal surfaces, and concrete and masonry substrates, as well as on uncoated roof, deck, and wall surfaces.

PACKAGING SIZES

1 gallon (3.8 liter) bucket
5 gallon (19 liter) pail

STORAGE & SHELF LIFE

PRODUCT STORAGE TEMPERATURE: 50°F - 90°F (10°C - 32°C). Do NOT allow coating to freeze. Store in well ventilated areas.

SHELF LIFE: 18 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

PHYSICAL PROPERTIES¹

VOC	<5 g/L
-----	--------

1. Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION: Roof must have positive drainage and be clean and dry with no trapped moisture. Repair damaged membrane, flashings, and penetrations. See *Liquid-Applied Roofing Manual* at gaf.com.

MIXING: Dilute at a 1-to-10 ratio with water. Mix uniformly.

APPLICATION: Apply by brush or low-pressure sprayer. Apply evenly to the substrate under low pressure at the rate of 0.5 - 0.7 gallons/100 ft² (2.0 - 2.9 L/10 m²). Allow the solution to stand for 15 minutes. Low areas and depressions in the substrate that have excessive dirt buildup may require additional solution and/or scrubbing with a stiff-bristled broom. Extremely stubborn areas may require treatment with a more concentrated solution.

Rinse the surface with water under high pressure, utilizing either conventional spray or pressure-washing equipment. Attach a wand or extension to the high-pressure hose and use a standard coating spray tip to achieve maximum cleaning of the substrate. Repeat rinsing as required to remove all cleaning solution. Allow the substrate to completely dry prior to the application of any coating materials.

GAF Cleaning Concentrate is recommended in lieu of all other types of cleaning solutions, detergents, TSP (Trisodium Phosphate), or simple high-pressure water washing.

LIMITATIONS & PRECAUTIONS

APPLICATION AIR TEMPERATURE: Min. 50°F (10°C). Do NOT heat containers.

APPLICATION SURFACE TEMPERATURE: 50°F - 110°F (10°C - 43°C). Cool temperatures/high humidity may slow dry time.

Do NOT apply if rain, dew, fog, heavy moisture, condensation, or freezing temperatures are in the 8 hour forecast.

Call GAF Technical Support Services for temperature ranges outside these limits.

SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Safety Data Sheet (SDS).

CLEAN UP

Clean up with water.

APPROVALS

State of Florida Approved (FBC)	FL620
Miami-Dade County NOA*	20-0130.07 and 21-0105.10

* GAF Cleaning Concentrate formerly known as "United Cleaning Concentrate"

For application questions, contact GAF Technical Support Services at **1-877-GAF-ROOF**

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Acrylic Base Coat - Data Sheet

PHYSICAL PROPERTIES

Table 1: Liquid Physical Property Requirements

Type	ASTM Test Method	Test Values ¹
Volume Solids	ASTM D 2697	52%
Weight Solids	ASTM D 1644	66%

Table 2: Cured Film Physical Property Requirements

Type	ASTM Test Method	Test Values ¹
Initial Percent Elongation	ASTM D 2370	135%
Initial Tensile Strength	ASTM D 2370	182 psi
Permeance	ASTM D 1653	2.7 US perms at 22 dry mils (155 ng/(Pa.s.m ²) @ 560 microns)
Low Temperature Flexibility	ASTM D 522	Passes 180° flex over 1/2" (1.2 cm) mandrel @ -5°F (-21°C)

Table 3: Additional Physical Properties

Type	ASTM Test Method	Test Values ¹
VOC	-	<25 g/L
Hardness	ASTM D 2240	Hardness 60 to 70 Shore A
Dry Time	ASTM D 5895	4 hours at 75°F (24°C), 50% R.H. Light Gray at 16 wet mils (406 microns) *Required times will increase at higher humidities
Service Temperature Limits (Installed Coating)	-	0°F-200°F (-18°C-93°C)
Standard Colors	-	Light Gray and Light Tan

¹ Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

APPROVALS

ANSI/UL 790 Class A	UL Listed*
Factory Mutual (FM 4470)	FM Approved** Passes FM Severe Hail**
Miami-Dade County NOA***	20-0130.07

*Refer to UL Product iQ for actual assemblies

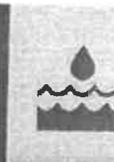
**Refer to FM RoofNav for actual assemblies.

*** GAF Acrylic Base Coat formerly known as "United Coatings™ Roof Mate™ Base Coat"



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High-build Silicone Sealant



Description:

GAF Silicone Mastic is a thick, high-build silicone sealant.

Features and Benefits:

- Provides protection against leaks due to ponding water
- Versatile application is great for repair and maintenance
- 97% average solids by volume content allows for more coating applied in a single pass

Substrate Preparation:

- Substrate should be dry, clean, and free from oil, grease, and other contaminants
- Pressure-wash to remove all dust and debris, and allow to dry
- Examine substrate to receive new mastic material and conduct test patches to verify adhesion of mastic prior to start of work
- Check for any damaged roof membranes, including all flashings and penetrations, and repair before mastic application commences
- Priming of substrate may be required¹

General Application Method:

- Read complete application instructions at gaf.com before using this product
- May be applied by brush or trowel
- Apply evenly at the rate of 1.25 gal per square per coat. If 3-coursing apply additional coats as soon as the previous coat is dry enough to walk on. Additional coats may be applied as soon as the previous layer is dry enough to walk on and should be applied perpendicular to the previous layer to ensure proper coverage.
- Total coverage is dependent on the substrate. Rough or porous substrates may require more mastic.

Safety and Handling:

- For specific information on safe handling of this material, refer to the Safety Data Sheet (SDS)

Mixing:

- Some settling of material may have occurred during shipment and storage
- Containers that have been stored for any length of time may develop a skin/film on top of the coating; this should be removed prior to mixing
- Take care not to incorporate air into the product

- Mix prior to use with a 3/4-horsepower or greater mixer with a blade capable of uniformly mixing the entire container
- Use immediately to avoid trace amounts of moisture from causing a reaction in the container

Cleanup:

- Use VM&P naphtha or mineral spirits to thoroughly clean equipment. If mastic has hardened, clean with mineral spirits.

Precautions:

IMPORTANT: Repair leaks promptly to avoid adverse effects, including mold growth.

DO NOT:

- Apply on wet substrates
- Heat container
- Attempt to thin product
- Apply if rain, dew, fog, heavy moisture condensation, or freezing temperatures are in the 8-hour forecast

¹ Refer to the UNITED COATINGS™ LIQUID-APPLIED ROOFING Application & Specifications Manual, available at gaf.com, for acceptable substrates



Visit gaf.com

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Physical Properties:

GAF Silicone Mastic

Property	Test Method	Approximate Values ²
Solids by Weight	ASTM D1644	98%
Solids by Volume	ASTM D2697	97%
Tensile Strength	ASTM D2370	200 psi
Elongation	ASTM D2370	500%
VOC	D3960	<50 g/L

² Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

Product Details:

Packaging	3.5-gallon (13.2 liter) pail
Colors	White, Light Gray, Black
Shelf Life	12 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 40°F - 90°F (5°C - 32°C). Storage outside temperature range will shorten shelf life. Keep containers covered when not in use. Do not allow coating to freeze.
Dry Time to Walk On (Approx.)	5 Hours at 70°F (21°C) 50% R.H
Application Temperature (Air)	40°F (5°C) and rising
Application Temperature (Surface)	40°F - 110°F (5°C - 43°C)



Premium Fabric - Data Sheet

PRODUCT DESCRIPTION

GAF Premium Fabric is a tough, non-woven, stitch bonded polyester fabric that is designed for use as a reinforcing material in GAF coatings or BarrierGuard® systems.

Physical Properties¹

Weight	3.0 ounces/yd ² 72 grams/m ²
Tensile Strength	MD: 70 lbs (56 kg) CD: 70 lbs (35 kg) [ASTM D5034]
Elongation	MD: 25% CD: 104% [ASTM D5034]
Ball Burst	114 lbs (49 kg) [ASTM D3787]
Trapezoidal Tear	MD: 27 lbs (7.7 kg) CD: 19 lbs (9.1 kg) [ASTM D3787]
Thickness	18 mils [ASTM D1777]

1. Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

APPLICATION INSTRUCTIONS

See instructions for the specific fabric-reinforced system being installed in the *Liquid-Applied Roofing Manual* at gaf.com.

WARRANTY

Refer to applicable warranties and guarantees, available at gaf.com, for complete coverage and restrictions.

PACKAGING SIZES

300 ft long rolls, with the following widths: 4", 6", 8", 12", 16", 20", 24".

336 ft long rolls, with the following widths: 40".

STORAGE

PRODUCT STORAGE TEMPERATURE:
50°F - 90°F (10°C - 32°C)

Keep **GAF Premium Fabric** in a clean, dry location.

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

APPROVALS

State of Florida Approved	FL620 and FL20663
Miami-Dade Approved	NOA 20-0105.10

For application questions, contact GAF Technical Support Services at **1-877-GAF-ROOF**

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Unisil High Solids Silicone Roof Coating – Data Sheet

PRODUCT DESCRIPTION

GAF Unisil High Solids Silicone Roof Coating is a high-solids, moisture-cure silicone coating that protects against the damaging effects of weather elements and UV rays. It also provides protection against leaks due to ponding water for a variety of substrates. GAF Unisil High Solids Silicone Roof Coating can be applied in a single coat.

APPROVED SUBSTRATES

Metal, TPO, PVC, Hypalon®, EPDM, smooth and granulated asphaltic, structural concrete, and SPF.

PACKAGING SIZES

1 gallon (3.8 liter) bucket
5 gallon (18.9 liter) pail
55 gallon (200 liter) drum

STORAGE & SHELF LIFE

PRODUCT STORAGE TEMPERATURE: 50°F – 90°F (10°C – 32°C) Do NOT allow coating to freeze.

SHELF LIFE: 12 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

WARRANTY

Refer to applicable warranties and guarantees, available at gaf.com, for complete coverage and restrictions.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION: Roof should have positive drainage, and be clean and dry with no trapped moisture. Repair damaged membrane, flashings, and penetrations. Conduct test patches to verify adhesion of coating prior to start of work. Priming of substrate is recommended and may be required. See *Liquid-Applied Roofing Manual* at gaf.com.

MIXING: Mix uniformly for 3 minutes prior to use. Do NOT attempt to thin or self-tint.

APPLICATION: Apply by brush, roller, or airless sprayer evenly at the rates specified below. GAF Unisil High Solids Silicone Roof Coating can be applied in one pass up to 2.5 gallons per 100 ft² (10.2 L per 10 m²) as long as the substrate and slope conditions allow (no slumping), and the required DFT (mils) are met. Apply additional coats perpendicular to the previous coat once it is dry enough to walk on. Total coverage is dependent on the substrate.

LIMITATIONS & PRECAUTIONS

APPLICATION AIR TEMPERATURE: Min. 40°F (5°C). Cool temperatures may slow curing. Do NOT heat containers.

Do NOT apply if rain, dew, fog, heavy moisture, condensation, or freezing temperatures are in the 2-hour forecast to ensure proper cure.

Call GAF Technical Support Services for temperature ranges outside these limits.

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

CLEAN UP

Use VM&P naphtha or virgin mineral spirits to thoroughly flush equipment. Do not leave product in the pump or hoses.

APPLICATION RATE FOR LIMITED WARRANTY ON GAF LIQUID-APPLIED ROOF COATINGS

Limited Warranty Term	10 year	15 year	20 year
Number of Gallons Per Square	1.5	2.0	2.5
Dry Film Thickness, Mils	23	31	39

For application rates and other requirements for system guarantees and warranties, see *Liquid-Applied Roofing Manual* at gaf.com.

For application questions, contact GAF Technical Support Services at **1-877-GAF-ROOF**

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GAF Unisil High Solids Silicone Roof Coating - Data Sheet

PHYSICAL PROPERTIES (ASTM D 6694/D 66994M-21)

Table 1: Liquid Physical Property Requirements

Type	ASTM Test Method	ASTM Minimum Values	Test Values ¹
Volume Solids	ASTM D 2697	57% min.	97%
Weight Solids	ASTM D 1644	As listed by manufacturer	98%

Table 2: Film Physical Property Requirements for Cured Silicone Coating

Type	ASTM Test Method	ASTM Minimum Values	Test Values ¹
Initial Percent Elongation	ASTM D 2370	Min. 100%	235%
Initial Tensile Strength	ASTM D 2370	Min. 150 psi	478 psi
Permeance	ASTM E 96/E 96M	Min. 2.5 perms	8.7 perms
Tear Resistance	ASTM D 624	Min. 20 lbf/in	28 lbf/in

Table 3: Additional Physical Properties

Type	ASTM Test Method	Test Values ¹
VOC	ASTM D 3960	<50 g/L
Weight per Gallon/Liter	-	11.5 lbs (1.37 kg)
Dry Time	-	5 hours at 70°F (21°C) 50% R.H
Standard Colors	-	White, Light Gray, Dark Gray, Tan

¹ Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

APPROVALS

ANSI/UL 790 Class A	UL Listed*					
Factory Mutual	FM Approved**					
NSF Certified	WHITE - NSF P151 Health Effects from Rainwater Catchment System Components					
CRRC (Cool Roof Rating Council) coolroofs.org	WHITE - (Product ID 0676-0157)					
	Solar Reflectance		Thermal Emittance		Solar Reflective Index (SRI)	
	Smooth Initial: 0.84 Aged: 0.71	Rough Initial: 0.81 Aged: 0.67	Smooth Initial: 0.91 Aged: 0.90	Rough Initial: 0.93 Aged: 0.94	Smooth Initial: 106 Aged SRI: 87	Rough Initial: 102 Aged: 82
State of Florida Approved (FBC)	FL-17649					
Miami-Dade County NOA	23-0125.01					
Title 24	Can be used to comply with the 2022, Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations (white only)					

*Refer to UL Product iQ for actual assemblies

**Refer to FM RoofNav for actual assemblies

GAF

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Acrylic Base Coat – Data Sheet

PRODUCT DESCRIPTION

GAF Acrylic Base Coat is an elastomeric acrylic coating used in a basecoat/topcoat system to improve the adhesion of GAF Acrylic Top Coat. Additionally, GAF Acrylic Base Coat can provide bleed-blocking on aged asphaltic surfaces.

GAF Acrylic Base Coat is designed for easy application with conventional or airless spray equipment, as well as brush or roller.

APPROVED SUBSTRATES

New and existing metal, structural concrete, TPO, PVC, Hypalon®, SPF, and asphaltic roofs. New TPO and asphaltic roofs should be weathered for at least 30 days. Do NOT use on EPDM, gravel-surfaced roofs or shingle roofs.

PACKAGING SIZES

5 gallon (19 liter) pail
55 gallon (208 liter) drum
275 gallon (1041 liter) tote

STORAGE & SHELF LIFE

PRODUCT STORAGE TEMPERATURE: 50°F – 90°F (10°C – 32°C). Do NOT allow coating to freeze.

SHELF LIFE: 18 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION: Roof must have positive drainage, and be clean and dry with no trapped moisture. Repair damaged membrane, flashings, and penetrations. Conduct test patches to verify adhesion of coating prior to start of work. Priming of substrate is recommended and may be required. See *Liquid-Applied Roofing Manual* at gaf.com.

MIXING: Mix uniformly for 3 minutes prior to use. Do NOT attempt to thin or self-tint.

APPLICATION: Apply by brush, roller, or airless sprayer evenly at the rates specified in the chart below. Do NOT apply more than 1.5 gallons per 100 ft² (6.1 L per 10 m²). Total coverage is dependent on the substrate. See below for minimum coverage requirements.

WARRANTY

Refer to applicable warranties and guarantees, available at gaf.com, for complete coverage and restrictions.

APPLICATION RATE FOR LIMITED WARRANTY ON GAF LIQUID-APPLIED ROOF COATINGS

Limited Warranty Term	5 Years
Number of Gallons Per Square	1.5
Dry Film Thickness (Mils)	12
For system guarantees and warranties, see <i>Liquid-Applied Roofing Manual</i> at gaf.com .	

LIMITATIONS & PRECAUTIONS

APPLICATION AIR TEMPERATURE: Min. 50°F (10°C). Do NOT heat containers.

APPLICATION SURFACE TEMPERATURE: 50°F (10°C) and rising. Care should be taken when coating surfaces above 120°F. Contact GAF Design Services if you have application questions.

Do NOT apply if rain, dew, fog, heavy moisture, condensation, or freezing temperatures are in the 8-hour forecast to ensure proper cure. Cool temperatures/high humidity may slow curing.

SAFETY & HANDLING

For specific information regarding safe handling of this material, refer to product Safety Data Sheet (SDS).

CLEAN UP

Use water and soap to thoroughly flush equipment.

For application questions, contact GAF Design Services at **1-877-GAF-ROOF**

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Liquid-Applied Diamond Pledge™ NDL Roof Guarantee



OWNER OF BUILDING _____

GUARANTEE NUMBER _____

NAME OF BUILDING _____

PERIOD OF COVERAGE _____

ADDRESS OF BUILDING _____

DATE OF COMPLETION _____

AREA OF ROOF (SQUARES) _____

GUARANTEE EXPIRATION DATE _____

APPLIED BY _____

THE GUARANTEE/SOLE AND EXCLUSIVE REMEDY

GAF guarantees to you, the owner of the building described above, that GAF will provide "Edge to Edge" protection by repairing leaks through the liquid-applied membrane or coating, (the "GAF Roofing Materials") resulting from a manufacturing defect, ordinary wear and tear, or workmanship in applying the GAF Roofing Materials. There is no dollar limit on covered repairs. Leaks caused by any non-GAF materials, such as the roof deck or non-GAF insulation, are not covered.

GUARANTEE PERIOD

This guarantee ends on the expiration date listed above.

OWNER RESPONSIBILITIES

Notification of Leaks

In the event of a leak through the GAF Roofing Materials, you **MUST** make sure that GAF is notified directly about the leak, in writing, within **30 days** either online at leakreporting@gaf.com, by email at guarantee@leak@gaf.com, or by postal mail to GAF Warranty Claims Department, 1 Campus Drive, Parsippany, New Jersey 07054, or GAF will have no responsibility for making repairs. **NOTE:** The roofing contractor is **NOT** an agent of GAF; notice to the roofing contractor is **NOT** notice to GAF.

By notifying GAF, you authorize GAF to investigate the cause of the leak. If the investigation reveals that the leak is not covered by this guarantee, you agree to pay an investigation cost of \$500. This guarantee will be cancelled if you fail to pay this cost within 30 days of receipt of an invoice for it.

Preventative Maintenance and Repairs

- You must perform regular inspections and maintenance and keep records of this work.
- To keep this guarantee in effect, you must repair any conditions in the building structure or roofing system that are not covered by this guarantee but that GAF concludes may be threatening the integrity of the GAF Roofing Materials. Any such repairs must be performed by a GAF-certified roofing contractor. Failure to make timely repairs may jeopardize guarantee coverage.
- You may make temporary repairs to minimize damage to the building or its contents in an emergency, at your sole expense. These repairs will not result in cancellation of the guarantee as long as they are reasonable and customary and do not result in permanent damage to the GAF Roofing Materials.
- Any equipment or material that impedes any inspection or repair must be removed at your expense so that GAF can perform inspections or repairs.

EXCLUSIONS FROM COVERAGE

(e.g., items that are not "ordinary wear and tear" or are beyond the control of GAF)

This guarantee does **NOT** cover conditions other than leaks. This guarantee also does **NOT** cover leaks caused by any of the following:

- Inadequate roof maintenance, that is, the failure to follow the Scheduled Maintenance Checklists provided with this guarantee (extra copies available by calling Guarantee Services at 877-GAF-ROOF) or the failure to repair owner responsibility items.
- Unusual weather conditions or natural disasters including, but not limited to, winds in excess of 55 miles per hour, hail, floods, hurricanes, lightning, tornados, and earthquakes, unless specifically covered by an addendum to this guarantee.
- Impact of foreign objects or physical damage caused by any intentional or negligent acts, accidents, misuse, abuse, or the like.
- Damage to the roof constructed of the GAF Roofing Materials due to: (a) movement, cracking, or other failure of the roof deck or building; (b) improper installation or failure of any non-GAF insulation or materials, including pre-existing coatings; (c) condensation or infiltration of moisture through or around the walls, copings, building structure, or surrounding materials except where high wall GAF waterproofing flashings are installed; (d) chemical attack on the membrane, including, but not limited to, exposure to grease or oil; (e) the failure of wood nails to remain attached to the structure; (f) moisture migration from the building interior or any building component other than the GAF Roofing Materials; (g) use of materials that are incompatible with the GAF Roofing Materials; or (h) architectural, engineering, or design defects or flaws.
- Traffic of any nature on the roof.
- Blisters in the GAF Roofing Materials that have not resulted in leaks.
- Changes in the use of the building, installation of any overburden, modifications, or additions to the GAF Roofing Materials after the roof is completed, unless prior written approval is obtained from GAF.
- Conditions that prevent positive drainage or result from ponding water. This exclusion does not apply to any Unisil or Unisil HS coatings.
- Gutters or damage to any restoration system caused by gutters.
- Changes in the color of the GAF Roofing Materials, including, but not limited to, fading.

No representative, employee, or agent of GAF, or any other person, has the authority to assume any additional or other liability or responsibility for GAF, unless it is in writing and signed by an authorized GAF Field Services Manager or Director. GAF does not practice engineering or architecture. Neither the issuance of this guarantee, nor any review of the roof containing the GAF Roofing Materials (or the plans for the roof), by GAF shall constitute any warranty of such plans, specifications, or construction or the suitability or code compliance of the GAF Roofing Materials for any particular structure. **NOTE:** Any inspections made by GAF are limited to a surface inspection only, are for the sole benefit of GAF, and do not constitute a waiver or extension of any of the terms and conditions of this guarantee.

This guarantee **MAY BE SUSPENDED OR CANCELLED IF THE ROOF IS DAMAGED BY** any cause listed above as AN EXCLUSION FROM COVERAGE that may affect the integrity or watertightness of the roof.

TRANSFERABILITY

You may transfer or assign this guarantee to a subsequent owner of this building for the remaining term only if: 1) the request is in writing to GAF at the address listed below within 60 days after ownership transfer; 2) you make any repairs to the GAF Roofing Materials or other roofing or building components that are identified by GAF after an inspection as necessary to preserve the integrity of the GAF Roofing Materials; and 3) you pay an assignment fee of \$500. This guarantee is **NOT** otherwise transferable or assignable by contract or operation of law, either directly or indirectly.

LIMITATION OF DAMAGES; MEDIATION; JURISDICTION; CHOICE OF LAW

THIS GUARANTEE IS EXPRESSLY IN LIEU OF ANY OTHER GUARANTEES OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and of any other obligations or liability of GAF, whether any claim against it is based upon negligence, breach of warranty, or any other theory. In **NO** event shall GAF be liable for any CONSEQUENTIAL OR INCIDENTAL DAMAGES of any kind, including, but not limited to, interior or exterior damages and/or mold growth.

The parties agree that, as a condition precedent to litigation, any controversy or claim relating to this guarantee shall be first submitted to mediation before a mutually acceptable mediator unless GAF, at its sole option, elects to waive said requirement. In the event that mediation is unsuccessful, or is waived by GAF, the parties agree that neither one will commence or prosecute any lawsuit or proceeding other than before the appropriate state or federal court in the State of New Jersey. This guarantee shall be governed by the laws of the State of New Jersey, without regard to principles of conflicts of laws. Each party irrevocably consents to the jurisdiction and venue of the above identified courts.

NOTE: GAF shall have no obligation under this guarantee unless and until all bills for installation and supplies have been paid in full to the roofing contractor and materials suppliers, and the guarantee charge has been paid to GAF.

By: _____
Authorized Signature

GAF
1 CAMPUS DRIVE
PARSIPPANY, NJ 07054

Visit gaf.com

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