

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Parish of Jefferson  
Department of General Services  
200 Derbigny Street, Suite 3300  
Gretna, LA 70053

(Owner to provide name and address of owner)

BID FOR: Labor, materials, equipment, crane work,  
and incidentals to install a silicone roof coating  
system at the Jefferson Parish Correctional Center,  
100 Dolhonde Street, Gretna, LA 70053 - BID #50-00145553

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he: a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Department of General Services and dated: April 24, 2024

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following ADDENDA: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging)

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" \* but not alternates) the sum of:

Six hundred twenty-seven thousand six hundred seventy dollars Dollars (\$ 627,670.00)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

ADD - Per Attachment A of the specifications - Labor, materials, equipment, crane work, & incidentals to install a silicone roof coating system. (South Wing) Dollars (\$ 300,974.00)

Alternate No. 2 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

ADD - Per Attachment A of the specifications - Labor, materials, equipment, crane work, & incidentals to install a silicone roof coating system. (Central Plant) Dollars (\$ 110,354.00)

Alternate No. 3 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$ )

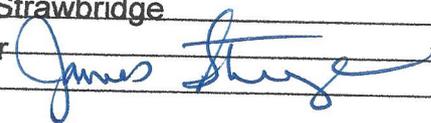
NAME OF BIDDER: Advantage Roofing & Construction of La Inc

ADDRESS OF BIDDER: P O Box 278 Downsville, La 71234

LOUISIANA CONTRACTOR'S LICENSE NUMBER: 41456

NAME OF AUTHORIZED SIGNATORY OF BIDDER: James Strawbridge

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: Director

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER \*\*: 

DATE: 7/16/2024

**THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:**

\* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

\*\* A CORPORATE RESOLUTION OR WRITTEN EVIDENCE of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA R.S. 38:2218(A) attached to and made a part of this bid.

**LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM**

TO: Parish of Jefferson  
Department of General Services  
200 Derbigny Street, Suite 3300  
Gretna, LA 70053

*(Owner to provide name and address of owner)*

**BID FOR:** Labor, materials, equipment, crane work,  
& incidentals necessary to install a silicone roof coating  
system at the Jefferson Parish Correctional Center,  
100 Dolhonde Street, Gretna, LA 70053 - BID #50-0014553

*(Owner to provide name of project and other identifying information)*

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____ Labor, materials, equipment, crane work, & incidentals to install a silicone roof coating system at the J.P. Correctional Center			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
	1	JOB	627,670.00	627,670.00
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____ Provide a cost per square foot to remove, repair, & replace water-damaged roofing materials (Section 9.0 of specifications)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
	1	SQ FT	2,186.00	2,186.00
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _____ Per Attachment A of the specifications - Labor, materials, equipment, crane work, & incidentals to install a silicone roof coating system. (South Wing)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
	1	JOB	300,974.00	300,974.00
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _____ Per Attachment A of the specifications - Labor, materials, equipment, crane work, & incidentals to install a silicone roof coating system. (Central Plant)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
	1	JOB	110,354.00	110,354.00
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# _____			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

Wording for "DESCRIPTION" is to be provided by the Owner.  
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.



AGENCY CUSTOMER ID: \_\_\_\_\_

LOC #: \_\_\_\_\_



# ADDITIONAL REMARKS SCHEDULE

Page \_\_\_\_\_ of \_\_\_\_\_

AGENCY Brown & Brown of Louisiana, LLC		NAMED INSURED Advantage Roofing & Construction of Louisiana Inc	
POLICY NUMBER			
CARRIER	NAIC CODE	EFFECTIVE DATE:	

### ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**

**FORM NUMBER:** 25      **FORM TITLE:** Certificate of Liability Insurance: Notes

Insurer F - Carrier: Gray Surplus Lines Insurance Co  
 Coverage: Excess Liability  
 Limits: \$3,000,000 / \$3,000,000 Aggregate  
 Policy #: GSL101703  
 Policy Dates: 11/12/2023-11/12/2024

#### GENERAL LIABILITY

Coverage Enhancements:

- \* CG 20 01 04 13 PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION
- \* CG 20 10 04 13 ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - SCHEDULED PERSON OR ORGANIZATION - Blanket
- \* CG 20 37 04 13 ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - COMPLETED OPERATIONS - Blanket
- \* CG 24 04 05 09 WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US - Blanket
- \* CGA 354 09 20 - DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT SUBJECT TO CAP - \$5,000,000 Per Project General Aggregate

#### COMMERCIAL AUTO

- \* CA 00 01 03 01 - BLANKET ADDITIONAL INSURED
- \* CA 04 44 10 13 - BLANKET WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

#### CONTACTORS POLLUTION LIABILITY

~Limits of Insurance

- \*Per Pollution Condition - \$1,000,000
- \*General Aggregate Limit - \$1,000,000
- \*Each Transportation Pollution Condition Limit - \$1,000,000
- \*Each Non-Owned Disposal Site Pollution Condition Limit - \$1,000,000
- \*Catastrophe Management Coverage - \$250,000
- \*Mold Sublimit Endorsement - \$1,000,000
- \*ENV-3245 (04/18) Designated Project(s) General Aggregate Limit Endorsement - Contractors Pollution Liability - All Projects - Contractual Limitation - Designated Proj Gen Agg Limit: \$1,000,000 / Maximum Designated Proj Gen Agg Limit: \$5,000,000
- \*ENV-3143 (03/05) Waiver of Transfer of Rights of Recovery Against Others to Us - Blanket
- \*ENV-3250 (12/18) Additional Insured Endorsement - Ongoing Work Or Operations - Blanket
- \*ENV-3251 (12/18) Additional Insured Endorsement - Products-Completed Operations Hazard - Blanket
- \*ENV-3253 (12/18) Primary And Noncontributory - Other Insurance Condition

#### WORKERS COMPENSATION

- \*Blanket Waiver of Subrogation

#### EXCESS LIABILITY

- \*Follow Form
- \*Underlying Policies - General Liability, Auto, and Workers Compensation

**CORPORATE RESOLUTION**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
Advantage Roofing + Construction of LA, Inc.  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Advantage Roofing + Construction of LA, Inc.  
INCORPORATED, DULY NOTICED AND HELD ON November 5, 2012,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT James Strawbridge, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.

Jay Strawbridge (P)  
SECRETARY-TREASURER

7-16-2024

DATE

Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Lincoln

BEFORE ME, the undersigned authority, personally came and appeared: James Strawbridge, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Director of Advantage Roofing and Construction of LA, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-0045553, 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 X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

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

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.

Affiant further said:

Affiant personally has not been convicted of, nor has he/she entered into a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. No individual partner, incorporator, director, manager, officer, organizer, or member, who has a minimum of a ten percent ownership in the Bidding Entity, has been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall permanently bar any person or the bidding entity from bidding on public projects:

- (a) Public bribery (R.S. 14:118)
- (b) Corrupt influencing (R.S. 14:120)
- (c) Extortion (R.S. 14:66)
- (d) Money laundering (R.S. 14:230)

A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall bar any person or the bidding entity from bidding on public projects for a period of five years from the date of conviction or from the date of the entrance of the plea of guilty or nolo contendere:

- (a) Theft (R.S. 14:67)
- (b) Identity Theft (R.S. 14:67, 16)
- (c) Theft of a business record (R.S. 14:67.20)
- (d) False accounting (R.S. 14:70)
- (e) Issuing worthless checks (R.S. 14:71)
- (f) Bank fraud (R.S. 14:71.1)
- (g) Forgery (R.S. 14:72)
- (h) Contractors; misapplication of payments (R.S. 14:202)
- (i) Malfeasance in office (R.S. 14:134)

The five-year prohibition provided for in this section shall apply only if the crime was committed during the solicitation or execution of a contract or bid awarded pursuant to these provisions. If evidence is submitted substantiating that a false attestation has been made and the project must be readvertised or the contract cancelled, the awarded entity making the false attestation shall be responsible to the public entity for the costs of rebidding, additional costs due to increased costs of bids and any and all delay costs due to the rebid or cancellation of this project.

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

Affiant further said:

- (1) Entity is registered and participates in a status verification system to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- (2) Entity shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the State of Louisiana.
- (3) Entity shall require all subcontractors to submit to the Entity a sworn affidavit verifying compliance with statements (1) and (2).

James Strawbridge  
Signature of Affiant

James Strawbridge  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 16<sup>th</sup> DAY OF July, 2024

Joy Strawbridge  
Notary Public

Joy Strawbridge  
Printed Name of Notary

059332  
Notary/Bar Roll Number



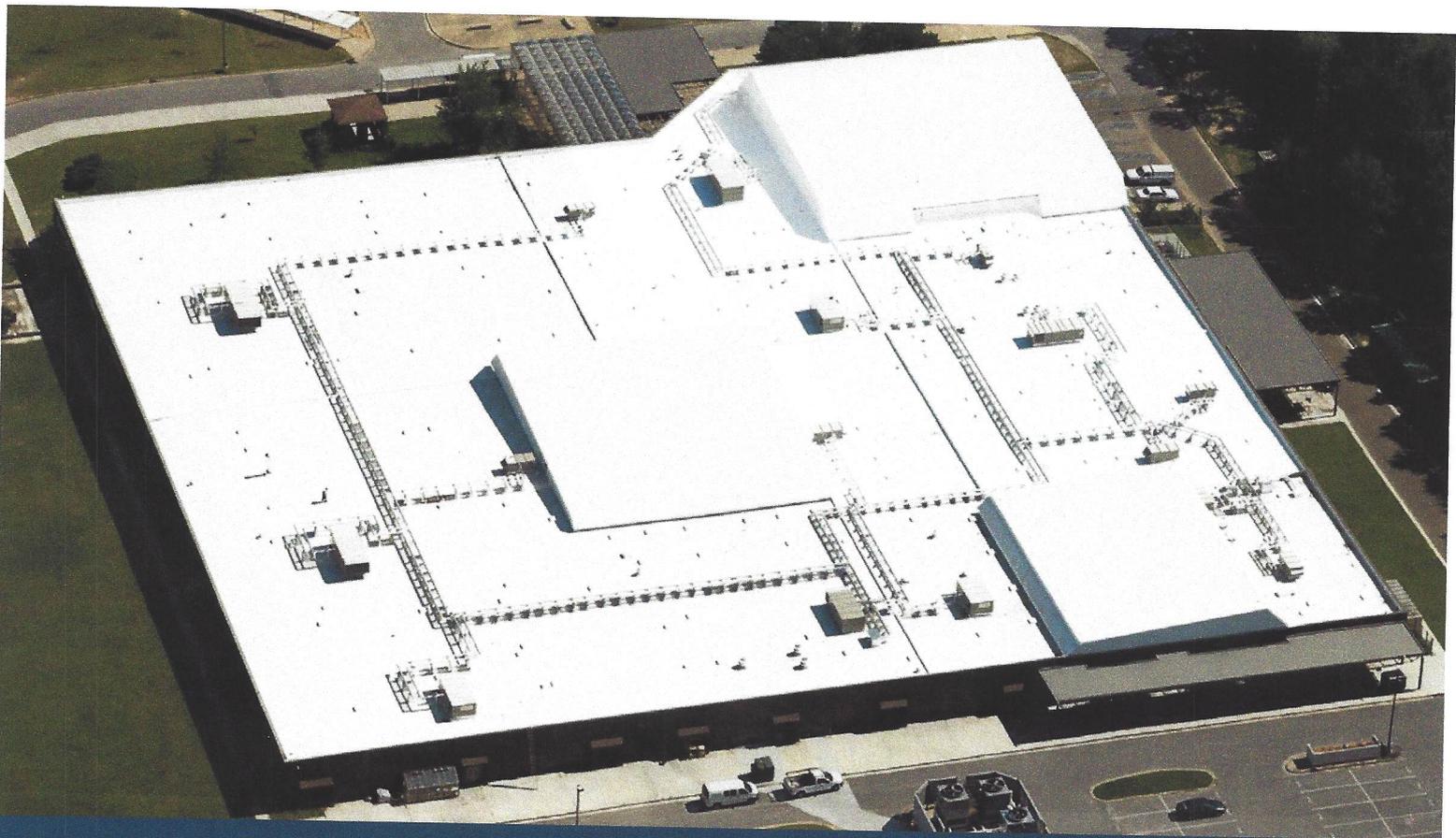
**JOY STRAWBRIDGE**  
Notary Public  
Notary ID No. 059332  
Lincoln Parish, Louisiana

My commission expires at death



# Envir-O-Sil™

ROOF RESTORATION SYSTEM



## THE ECO-FRIENDLY FLAT ROOF RESTORATION SOLUTION

[www.americanweatherstar.com](http://www.americanweatherstar.com)



# Envir-O-Sil™

ROOF RESTORATION SYSTEM

## THE ENVIR-O-SIL ADVANTAGE

The Envir-O-Sil System is the preferred solution for flat roofs in areas with strict environmental regulations. By utilizing high-quality, low VOC, high-solids silicone roof coatings, the Envir-O-Sil System provides industry-leading performance, UV protection, and weatherability, all while having minimal impact on the environment.

The Envir-O-Sil System is specifically designed to restore and protect a variety of commercial roofing materials from the damaging effects of the wind, rain, and sun exposure. It also helps combat the effects of northern climate conditions, including damage caused by freeze-thaw cycles.

Envir-O-Sil provides a highly reflective and watertight membrane ideal for coating entire roofs, making spot repairs, or adding supplemental protection to flashing.

## SUITABLE SUBSTRATES

- Spray Polyurethane Foam
- Modified Bitumen
- Built-Up Roofs
- Single-Ply (TPO, PVC)
- EPDM

## FEATURES & BENEFITS

- Half the cost of conventional roof replacement
- Stops leaks and improves existing roof performance
- Increases the lifespan of commercial flat roofs
- Improves energy efficiency
- High-solids content, low VOC, and environmentally safe
- Significantly reduces maintenance costs
- Highly resistant to ponding water
- Industry leading durability, reflectivity, and UV stability
- Cures to form a seamless and watertight membrane
- Excellent adhesion to a variety of flat roof substrates
- Minimal disruption to business
- Long-term NDL (no dollar limit) warranties available



- 1 Existing roof substrate
- 2 Terminator 622, Silicone Brush-Grade 422
- 3 High-Solids Silicone 412 (base coat)
- 4 High-Solids Silicone 412 (top coat)



152°F

SURFACE TEMPERATURE

96°F

Minimizing the sun's impact on your roof is key to its longevity. The majority of commercial flat roofing materials are not adequately designed to prevent the flow of heat from constant UV exposure. The Envir-O-Sil roof restoration system is proven to mitigate the damaging effects of the sun on flat roof surfaces and effectively reduce interior cooling costs by up to 30%.

### APPLICATION PROCESS

**SURFACE PREPARATION:** To ensure maximum adhesion, the roof is pressure washed to remove all dirt, dust, debris, and any other foreign contaminants. If needed, a primer is applied.



**WATERPROOFING DETAILS:** All seams, transitions, penetrations, drains, and other flashing details are waterproofed with Terminator 622 or Silicone Brush-Grade 422.



**BASE COAT:** A base coat application of High-Solids Silicone 412 provides the system with a durable, flexible, and fully-adhered foundation membrane.



**TOP COAT:** A top coat application of High-Solids Silicone 412 forms a seamless, rubber-like membrane that provides unsurpassed UV protection, reflectivity, and resistance to ponding water.

### THE AMERICAN WEATHERSTAR DIFFERENCE

Founded in 2004, American WeatherStar is an established leader in the commercial roofing industry. We manufacture high-quality, sustainable, and energy-efficient roof restoration solutions for a variety of commercial and industrial applications.

With over 500 million square feet of commercial roofing warranted throughout the United States, our fluid-applied roof restoration systems are proven to perform under the most extreme conditions and deliver long-lasting waterproofing protection.

The solutions we provide are specially formulated to stop leaks, reduce energy costs, and prolong service life. The quality control measures of our product manufacturing process go above and beyond industry standards to ensure our materials outperform expectations.

We work closely with our Approved Contractors on every project to ensure quality workmanship and customer satisfaction. For added protection and peace of mind, we offer long-term NDL (no dollar limit) labor and material warranty plans for eligible systems.

### STARGARD™ WARRANTY PROGRAM

Protect your investment with the StarGard Warranty Program. We offer a variety of long-term NDL (no dollar limit) warranty options for qualified systems when installed by an American WeatherStar Approved Contractor.

10-YEAR

15-YEAR

20-YEAR



# PROTECT YOUR INVESTMENT

With American WeatherStar's StarGard Warranty Program, commercial building owners can expect long-term protection and peace of mind. We provide a variety of long-term warranty alternatives when qualified systems are installed by an American WeatherStar Approved Contractor.



StarGard Warranty Program	GOOD	BETTER	BEST
	ROOF COATING MATERIAL	NDL SYSTEM	NDL SYSTEM ELITE
What's covered?	Material defects	Leaks caused by material defects & workmanship errors	Leaks caused by material defects & workmanship errors
Warranty fee?	No	Yes	Yes
Covers entire system?	Yes	Yes	Yes
No dollar limit for covered repairs?	Yes (material only)	Yes	Yes
Max term length?	20 years (material only)	Up to 15 years (depending on system)	20 years (labor & material)
Includes cost of material to correct problem?	Yes	Yes	Yes
Includes cost of labor to correct problem?	No	Yes	Yes
Requires annual inspection?	No	No	Yes
Recommended annual inspection?	Yes	Yes	Yes
Recommended semi-annual maintenance?	Yes	Yes	Yes
Requires document maintenance?	No	No	Yes
Who can offer warranty?	American WeatherStar Approved Contractor	American WeatherStar Approved Contractor	American WeatherStar Approved Contractor
<b>StarGard+ Warranty Enhancements</b>			
Is the warranty extendable?	Yes	Yes	No
Is the warranty renewable?	Yes	Yes	Yes
Is the warranty transferable?	Yes	Yes	Yes
*ALWAYS REVIEW WARRANTIES FOR COMPLETE COVERAGE AND RESTRICTIONS.			

## THE LEADER IN FLUID-APPLIED ROOF RESTORATION

8095 Padgett Switch Rd. | Irvington, AL 36544  
 info@americanweatherstar.com | 800-771-6643  
 www.americanweatherstar.com





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- High-solids content, Low VOC, & environmentally safe
- Excellent adhesion to a variety of substrates
- Outstanding reflectivity, UV stability, & weatherability
- Warrantied to withstand ponding water areas
- Forms a seamless, flexible, watertight membrane
- Cost less than a conventional roof replacement
- Long-term material & NDL system warranties available

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The Envir-O-Sil Roof Restoration System is the preferred solution for areas regulated by strict environmental standards. By utilizing high-quality, low VOC, high-solids silicone roof coatings, the Envir-O-Sil System provides industry-leading performance, UV protection, and weatherability, all while having minimal impact on the environment. Suitable substrates include modified bitumen, built-up roofs, single-ply, EPDM, and spray polyurethane foam.

[Home](#) / [Systems](#) / [Envir-O-Sil™ Roof Restoration System](#)

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## QUICK SPEC

# Envir-O-Sil™

ROOF RESTORATION SYSTEM

### The Eco-Friendly Flat Roof Restoration Solution

The Envir-O-Sil Roof Restoration System is the ideal solution for areas regulated by strict environmental standards. Utilizing low VOC High-Solids Silicone 412, the Envir-O-Sil System provides outstanding performance, UV protection, and weatherability—with minimal impact on the environment. Suitable substrates for this system include modified bitumen, built-up roofs, single-ply, EPDM, and spray polyurethane foam.

The Envir-O-Sil System offers facility managers and property owners a variety of money-saving benefits. It does more than just stop leaks—it effectively reduces maintenance costs, lowers building energy consumption, improves performance, and extends service life. Best of all, the Envir-O-Sil System costs significantly less than a traditional roof replacement.

#### Basic Uses

The Envir-O-Sil Roof Restoration System is an eco-friendly and low VOC system designed to restore and protect a variety of commercial and industrial roof surfaces from weathering and moisture intrusion. It is especially effective as a protective coating membrane for entire roof surface, to use for spot repair, and to provide additional protection for flashing.

#### Features/Benefits

- Stops leaks and vastly improves performance
- Costs significantly less than a total roof replacement
- Substantially reduces maintenance and energy costs
- Extends service life by restoring the existing roof membrane
- Industry-leading UV stability, reflectivity, and durability
- High-solids content, Low VOC, and environmentally safe
- Long-term warranty options available
- Provides minimal interruption to business

#### Suitable Substrates

- Built-Up Roofs
- EPDM
- Modified Bitumen
- Single-Ply
- Spray Polyurethane Foam

#### SURFACE PREPARATION

To ensure maximum adhesion, the roof is pressure washed to remove all dirt, dust, debris, and other foreign contaminants.

#### SEAMS/DETAILS

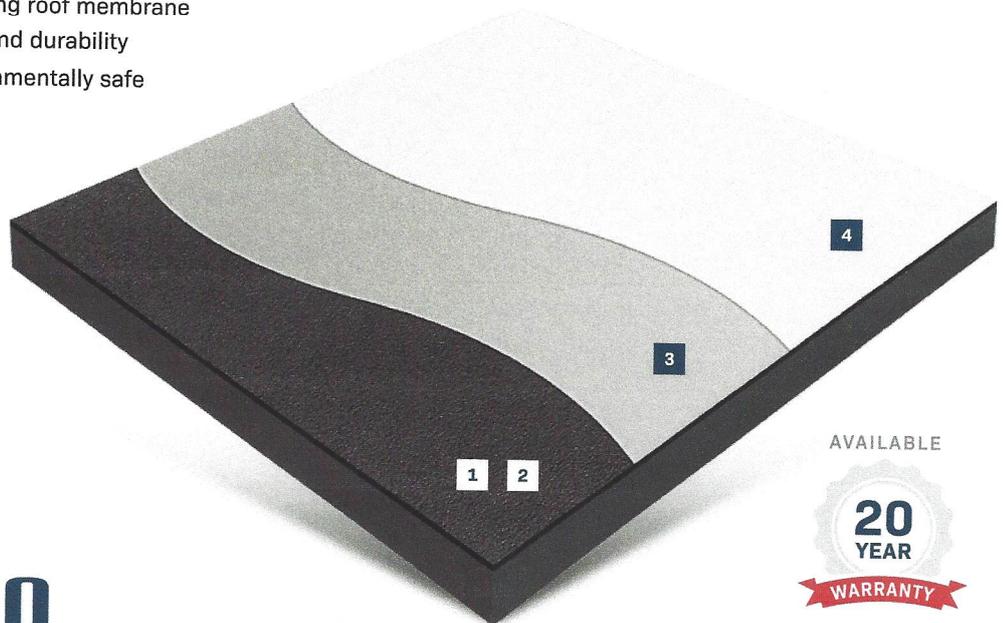
Seams and flashing details are coated with a thick “rubber-like” mastic to help withstand the expansion and contraction of the roof structure.

#### BASE COAT

A base coat of High-Solids Silicone 412 provides the system with exceptional flexibility, adhesion, and protection against moisture intrusion.

#### TOP COAT

A top coat of High-Solids Silicone 412 forms a seamless, watertight, membrane that provides industry-leading UV protection, reflectivity, and resistance to ponding water.



AVAILABLE



americanweatherstar.com

# QUICK SPEC

## ADHESION TEST

To ensure a successful application, an adhesion test is recommended to ensure maximum adhesion of the High-Solids Silicone 412 base coat to the existing roof substrate(s).

## PRE-INSPECTION

Before system application, pre-inspect the roof for necessary repairs. The inspection should include, but not be limited to:

- HVAC flashing
- Proper drainage
- Seams, terminations, reglets
- Roof penetrations
- Water leakage
- Sign or display anchorage
- Drains and location of drains
- Parapet roof detail
- Wet or damp insulation
- Coping and flashing

## INSTALLATION TIPS

- All roof surfaces to be coated must be properly cleaned and prepared. Pressure washing at 3000-4000 psi is recommended.
- Existing coatings must be checked for proper adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned, and checked for compatibility. In some cases, the use of a primer may be necessary.
- High-Solids Silicone 412 may be applied using medium nap roller, synthetic brush, tank spreader, or airless spray equipment.
- Apply High-Solids Silicone 412 base coat to clean, dry, sound surfaces free of contaminants and other foreign matter.
- Depending on temperature and humidity, allow 2-8 hours for the High-Solids Silicone 412 base coat and top coat to cure. For technical assistance, contact your American WeatherStar Field Representative for more information.

## STORAGE & HANDLING

Keep product sealed, stored in a dry, cool place away from heat, sparks, open flame, and moisture. Keep material stored above 65°F (18°C) and on wood pallets and/or off concrete surfaces.

## TECHNICAL DATA

HIGH-SOLIDS SILICONE 412	
Solids by Volume	92% ± 2
Elongation	170 ± 25
Tensile Strength	450 ± 50
Reflectivity	Initial .87
Emissivity	Initial .89
VOC	<50 Grams/Liter
Permeability	>4 +
Clean Up	Mineral Spirits

Please see product data sheets for complete technical data.

SUBSTRATE	TERM	BASE COAT	INTERMEDIATE COAT	TOP COAT	TOTAL DFT*
BUR Modified Bitumen	10 years	High-Solids Silicone 412	-	High-Solids Silicone 412	30
	15 years	High-Solids Silicone 412	-	High-Solids Silicone 412	35
	20 years	High-Solids Silicone 412	-	High-Solids Silicone 412	40
EPDM Single-Ply	10 years	High-Solids Silicone 412	-	High-Solids Silicone 412	20
	15 years	High-Solids Silicone 412	-	High-Solids Silicone 412	30
	20 years	High-Solids Silicone 412	-	High-Solids Silicone 412	35
Spray Foam	10 years	High-Solids Silicone 412	-	High-Solids Silicone 412	20
	15 years	High-Solids Silicone 412	-	High-Solids Silicone 412	30

\*Dry film thickness (DFT) is rounded to the nearest mil and is theoretical. Actual DFT varies depending on substrate, application technique, and waste factor.

**NOTE:** This document is intended as an overview of installation procedures only. Please refer to application guidelines for complete installation information. Published technical information is subject to change without notice. Please visit [www.americanweatherstar.com](http://www.americanweatherstar.com) or contact your Field Representative for current technical data.





## HIGH-SOLIDS SILICONE 412

### DESCRIPTION

High Solids Silicone 412 is a ready-to-use, high-solids, single-component, moisture-cure silicone coating. It serves as the standard specification for liquid-applied silicone coating used in spray polyurethane foam roofing, single-ply restoration, and for top-coating several American WeatherStar systems.

### ADVANTAGES

- Superior protection—forms a durable, weather-resistant rubber-like seal
- Excellent UV protection
- Superior adhesive and cohesive strength
- 92% Solids. Uses less material for same dry film thickness
- Low VOCs

### BASIC USES

High Solids Silicone 412 provides elemental protection for architectural surfaces such as vertical walls, masonry, concrete, metal, single-ply roof membranes and sprayed-in-place polyurethane foam systems.

### INSTALLATION

- **Mixing:** Mix before application to assure uniform color and consistency. Due to the combustible nature of this product, do not use an electric mixer.
- **Surface Prep:** All surfaces to be coated must be clean, dry, and paintable. It may be necessary to power wash and/or prime to enhance adhesion. See application guidelines for more details.
- **Application:** This product may be applied directly to any clean, dry surface. Polyurethane foam should be coated within 24 hours of application. Apply by spray, brush, or roller as received. No thinning or reducing is necessary. Subsequent coats should be applied within 24 hours of prior applications to insure full and uniform adhesion. It is not recommended that this product be applied at temperatures below 40°F (4°C), or if rain is expected within 1 hour of application. High Solids Silicone 412 may be applied at lower temperatures, however, the cure time will be extended.

### WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

### TECHNICAL DATA

SOLIDS BY VOLUME:	92% ± 2%, ASTM D-2697
ELONGATION:	170 ± 25, ASTM D-2370
TENSILE STRENGTH:	450 ± 50, ASTM D-2370
FLASH POINT (COC):	290°F, ASTM D-92
HARDNESS:	50± 5 points (Shore A)
PERMEABILITY:	> 4 +, ASTM E-96, Procedure B
WATER ABSORPTION:	2%
EMISSIVITY:	Initial .89, C-1371
VOC:	< 50 Grams/Liter, ASTM D-3960, EPA Method 24
MINIMUM APPLICATION TEMP:	40°F
DRYING TIME:	1-4 hours
SERVICE TEMP. RANGE:	-40°F-350°F
REFLECTIVITY:	Initial .87, C-1549
SHELF LIFE:	12 months
CLEAN UP:	Mineral Spirits
COLOR:	Standard: white, gray, tan Premium and custom colors available*
PACKAGING:	5 gallon, 50 gallon

\*See coatings color chart for more details.

### SAFETY INFORMATION

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

### AMERICAN WEATHERSTAR LLC

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## ACRYLIC BONDING PRIMER 905

### DESCRIPTION

Acrylic Bonding Primer 905 is a durable, water-based primer suitable for priming most roofing structures before applying the appropriate topcoat. Structures suitable for the 905 include previously coated metal, smooth and granulated modified bitumen, and built up roofs.

### ADVANTAGES

- Excellent adhesion to most roof surfaces
- Bonds to unstable substrates
- Provides a tough, adhesive, durable film
- Quick drying time
- Environmentally safe
- Easy to use, easy clean up, non-toxic, and VOC compliant water based coating

### BASIC USES

Acrylic Bonding Primer 905 is designed to be used as an adhesion bonding primer before roof coatings are applied.

### INSTALLATION

- **Mixing:** Acrylic Bonding Primer 905 is ready to use. Thinning is not required nor recommended.
- **Surface Prep:** All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.
- **Spray:** Airless sprayer. 1/2 gpm capacity with a #017 tip
- **Brush:** High-quality synthetic bristle brush
- **Roller:** Short nap roller

### APPLICATION TEMPERATURES

Min Ambient: 50°F (10°C)  
 Max Ambient: 110°F (43.3°C)  
 Min Surface: 50°F (10°C)  
 Max Surface: 130°F (54.4°C)

Minimum temperatures must be rising following applications. Contact technical services for more information.

### Do not apply when:

- Dew point is within 5°F (2.77°C) of ambient temperatures
- Precipitation, fog, or dew is imminent prior to cure of the product
- Freezing temperatures are expected prior to cure of the product

### TECHNICAL DATA:

SOLIDS BY VOLUME:	38% ± 2%
TENSILE STRENGTH	N/A
VISCOSITY:	600-800 cps
WEIGHT:	8.4 ± .2 per gallon
FLASH POINT:	N/A
PERMEABILITY:	N/A
MINIMUM APPLICATION TEMP.:	50° F
DRYING TIME:	1-2 hours
SERVICE TEMP. RANGE:	-40° to 200° F
COLOR:	Black
PACKAGING:	5 gallon, 55 gallon

### SAFETY INFORMATION:

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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## POLYESTER FABRIC

### DESCRIPTION

Polyester Fabric is a textile material composed of staple fibers that are hydraulically entangled to form a strong reinforcing membrane for cold roofing mastics. Composed of 100% polyester, it has excellent conformability and elongation. The open aperture design allows mastics to flow through and form saturated rather than a laminated roofing membrane.

### ADVANTAGES

- Light weight with high tensile strength
- Maintains its physical properties when wet
- Expansion and contraction of building materials due to temperature changes make it necessary to have a roof surface that allows for this movement—Polyester Fabric has the elongation properties to do this
- It is non-raveling and has excellent tear strength and is resistant to chemicals and solvents.

### BASIC USES

Polyester Fabric has been successfully used with a variety of cold process roof coatings including cutback asphalt, asphalt emulsion, elastomeric asphalt, and acrylic coatings. Embed the fabric with a coating and cover as per the coating manufacturer's directions.

### INSTALLATION

Install Polyester Fabric using Fabric Bond 930 or another American WeatherStar base coat. Apply a layer of coating, then lay fabric into wet coating. Once coating sets up, apply another layer of coating on top side of fabric.

### WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

### TECHNICAL DATA

ELONGATION:	100%
TENSILE STRENGTH:	35 psi
WEIGHT/SQUARE:	11 lbs
BULK:	22 mils
WIDTHS AVAILABLE:	36", 20", 12", 6", 4", 2"

### SAFETY INFORMATION

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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# TERMINATOR 622

## DESCRIPTION

Terminator 622 is a technologically-advanced, 100% solids, moisture-cure sealant/adhesive. This high-strength versatile product has excellent elasticity and adhesion, making it ideal for repairs. Designed for industrial use, it can be applied to most surfaces even when the area is wet. Not only is it waterproof, it is also UV stable and low VOC.

## ADVANTAGES

- Self-leveling technology for all seams, fasteners, ridge caps, flashings, and penetrations
- Moisture-curing, multi-purpose, one-component sealant/adhesive
- Designed for industrial uses requiring elasticity, high strength, and excellent adhesion
- May be applied to surfaces at or below freezing temperatures—make all attempts to remove frost
- Performance at temperatures as low as -40° F
- Bonds to damp surfaces and is rain tolerant during cure
- Cures to a waterproof tough flexible sealant
- Low odor and minimal shrinkage
- Non-staining and mildew resistant
- UV resistant
- VOC compliant

## BASIC USES

Industrial uses requiring high elasticity, high strength, and outstanding adhesion for a wide-range of substrates. Terminator 622 bonds aggressively to steel, aluminum, modified bitumen, built-up roofing, spray foam, styrofoam, eps, glass, wood, fiberglass, concrete, and coated metals.

## INSTALLATION

- **Surface Prep:** All surfaces must be cleaned properly. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.
- **Brush:** High-quality synthetic bristle brush
- **Caulk Gun:** 28 fl. oz. cartridges

## WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

## TECHNICAL DATA

SOLIDS BY VOLUME:	100%
ELONGATION:	500%
TENSILE STRENGTH:	200 psi
FLASH POINT:	N/A
HARDNESS:	25 (5 day ambient cure)
MINIMUM APPLICATION TEMP.:	32°F
DRY TIME:	2-12 hours
SERVICE TEMPERATURE:	-40° to 200°F
LOW TEMP FLEX:	-20°F
SLUMP:	Some self-leveling
COLOR:	White
PACKAGING:	10.3 oz tube, 2-gallon pail

## SAFETY INFORMATION

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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## ECOCLEANER 925

### DESCRIPTION

EcoCleaner 925 is a unique, high-performance, and environmentally friendly cleaner. Its biodegradable formulation meets all US VOC regulations, including the most stringent Southern California regulations. EcoCleaner 925 is a low-foaming formulation that features significant renewable content. With its exceptional cleaning ability, EcoCleaner 925 will even remove paints and adhesives when used at full strength.

### BASIC USES

Diluted 5:1 for effective cleaning of most surfaces including roofs, decks, concrete, and steel. EcoCleaner 925 may be used at lower dilutions for tougher stains and soiling. Old paints and adhesives may be removed with minimal or no dilutions.

### INSTALLATION

Apply diluted EcoCleaner 925 with a low-pressure sprayer—such as a garden sprayer—at a rate of 1 gal per 150 sq. ft. Power wash all surfaces with a minimum of 3,000 psi using a wide fan tip. Failure to use a power washer will result in poor coating adhesion. Rinse completely. Water should be clear with no soap bubbles.

### STORAGE AND SHELF LIFE

EcoCleaner 925 has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40° F and 80° F.

### WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

### TECHNICAL DATA

WEIGHT:	8.3 lbs./gal, ASTM 1475
FLASH POINT:	> 212°F, ASTM D 1310
VOC:	0 grams/liter, ASTM D Method 24
MINIMUM APPLICATION TEMP.:	40°F
SHELF LIFE:	12 months unopened container
PACKAGING:	5 gallon

### SAFETY INFORMATION

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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## American WeatherStar® Roof Coating Material Warranty

### StarGard™ (20-Year) Roof Coating Material Warranty

American WeatherStar warrants to the building owner (Owner) named below, subject to the terms, conditions, and limitations set forth herein, that the roof coating system described below will maintain similar characteristics as described in our data sheet and system specifications during the period specified above. This material only warranty applies only to the coatings system and makes no claims about stopping leaks or any waterproofing to the building. Normal weathering of the system is expected. This warranty does not apply to labor or construction details.

StarGard Warranty Number:

Effective Date:

Building Owner:

Company Name  
Address  
City, State, Zip  
Contact  
Phone

Location of Building:

Company Name  
Address  
City, State, Zip  
Contact  
Phone

American WeatherStar Approved Contractor:

Company Name  
City, State, Zip

StarGard Warranty Services:

Phone: 800-771-6643

Email: [warranties@americanweatherstar.com](mailto:warranties@americanweatherstar.com)

American WeatherStar Officer Signature:

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## TERMS, CONDITIONS, AND LIMITATIONS

This StarGard™ Roof Coating Material Warranty is limited to mean the American WeatherStar brand coating material when installed in accordance with American WeatherStar Technical Specifications.

1. During the term of this warranty, American WeatherStar or its authorized representative shall have access to the roof for inspection during normal business hours.
2. If there is a failure of the coating system within the scope of this warranty during the period in which this material only warranty is in effect, American WeatherStar will, at its option, either ship the appropriate material needed to repair the coating system, or issue credit against the purchase new coatings from American WeatherStar.
3. Owner shall provide American WeatherStar with written notice of excessive deterioration allegedly due to a failure of the coatings along with pictures of the system within thirty (30) days of the discovery of such deterioration. Such notice shall be sent by express courier service to American WeatherStar, LLC, 3100 Lees Lane, Mobile AL 36693.
4. The remedy stated herein is the **SOLE AND EXCLUSIVE REMEDY** for failure of the coating system described above. Aws shall under no circumstances be liable for any incidental or consequential damages including but not limited to injury to any person or damages to the building or its contents including any damages relating to the presence of mold or mildew.
5. There are no express warranties except as stated herein, and American WeatherStar hereby disclaims the implied warranties of merchant ability and fitness for particular purpose. No representative has authority to make any representations other than those stated herein.
6. This warranty shall not be applicable to damage or loss caused in whole or in part by:
  - a. natural disasters, including but not limited to lightning, hail, hurricanes, or similar natural disasters;
  - b. vandalism, acts of war, or civil disturbances;
  - c. alteration of the roof or installation of structures, fixtures or utilities on or through the roof without the prior written approval of AWS or AWS authorized representative.
  - d. environmental fallout or overexposure to commercial/industrial solvents, acids, caustic fluids, oils, waxes, greases, absorbent clays, bleaches, plasticizers or other harmful chemicals;
  - e. failure by the Owner or lessee to use reasonable care in maintaining the roof.
  - f. traffic or storage of materials on the roof;
  - g. infiltration or condensation of moisture in, through, around, or above the walls of the building;
  - h. acts of parties other than AWS;
  - i. failure of any materials other than the system supplied by American WeatherStar;
  - j. insects or animals;
  - k. deterioration or failure of any building component including, but not limited to, the roof substrate, walls or mortar; or, condensation accumulation in the roof assembly due to incorrect design or due to a reduction in the vapor barriers effectiveness,
  - l. discoloration or odors caused by algae, fungi, or lichens;
  - m. errors or omissions by architects or engineers not retained by American WeatherStar.
7. American WeatherStar reserves the right to suspend its obligations under this warranty if all bills for installation of the American WeatherStar roofing have not been paid in full to the roofing contractor named below and to the material supplier. Notwithstanding the foregoing, the provisions of paragraph 4 and 5 above shall remain in full force and effect.
8. This warranty may be transferred to a subsequent owner of the building; provided that, no such transfer of this warranty as provided herein shall extend the expiration date of this warranty.
9. Any claim or dispute between Owner and American WeatherStar arising out of this warranty or relating to any material supplied or specifically required by American WeatherStar shall be governed by the laws of the State of Alabama, USA and resolved by final and binding arbitration in Mobile AL, USA in accordance with the rules of the American Arbitration Association.

