

Envir-O-Sil™

ROOF RESTORATION SYSTEM



THE ECO-FRIENDLY FLAT ROOF RESTORATION SOLUTION

www.americanweatherstar.com



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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.

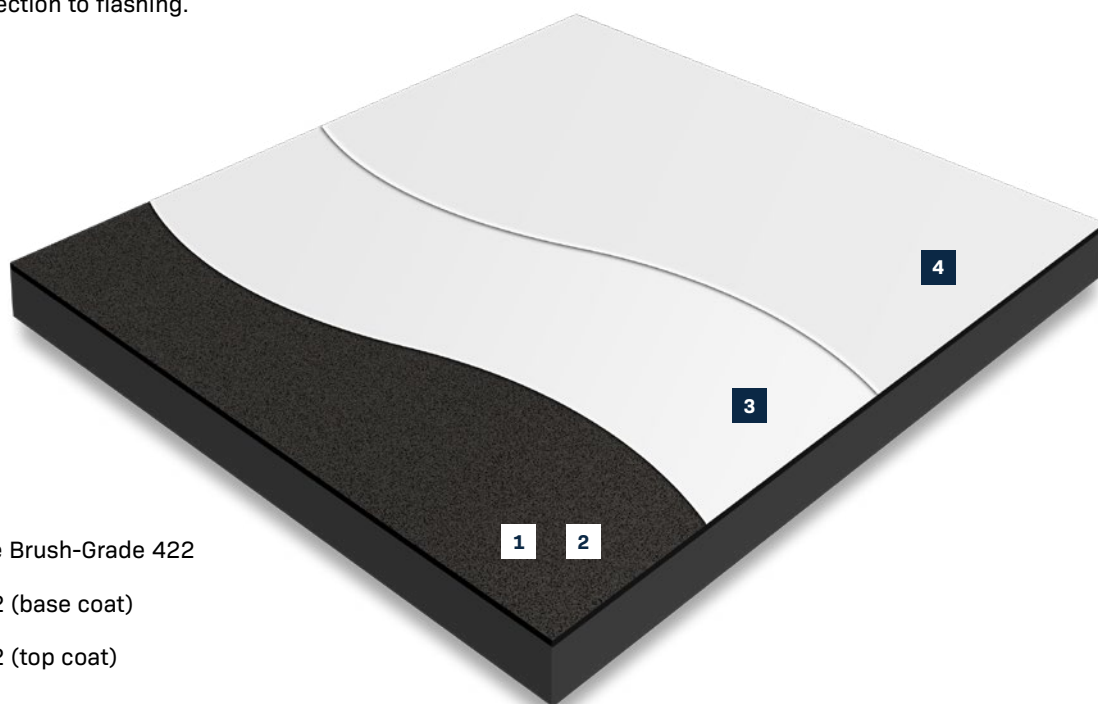
Envir-O-Sil provides a highly reflective and watertight membrane ideal for coating entire roofs, making spot repairs, or adding supplemental protection to flashing.

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 warrantied 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
StarGard+ Warranty Enhancements			
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

