

Max-Ply

ROOF RESTORATION SYSTEM



THE FABRIC REINFORCED ROOFING SOLUTION

www.americanweatherstar.com



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THE MAX-PLY ADVANTAGE

The Max-Ply™ System, exclusively from American WeatherStar, is the ultimate fabric-reinforced roofing solution. Built around a high-strength polyester fabric, it delivers superior tensile strength, crack resistance, and long-term waterproofing performance.

The Max-Ply™ System is specifically engineered to restore and protect a wide range of commercial and industrial roof substrates from the damaging effects of leaks, weathering, and mechanical stress. Its fabric-centric design ensures a seamless, monolithic barrier while offering the versatility of silicone, urethane, or acrylic finish chemistries to meet diverse performance requirements.

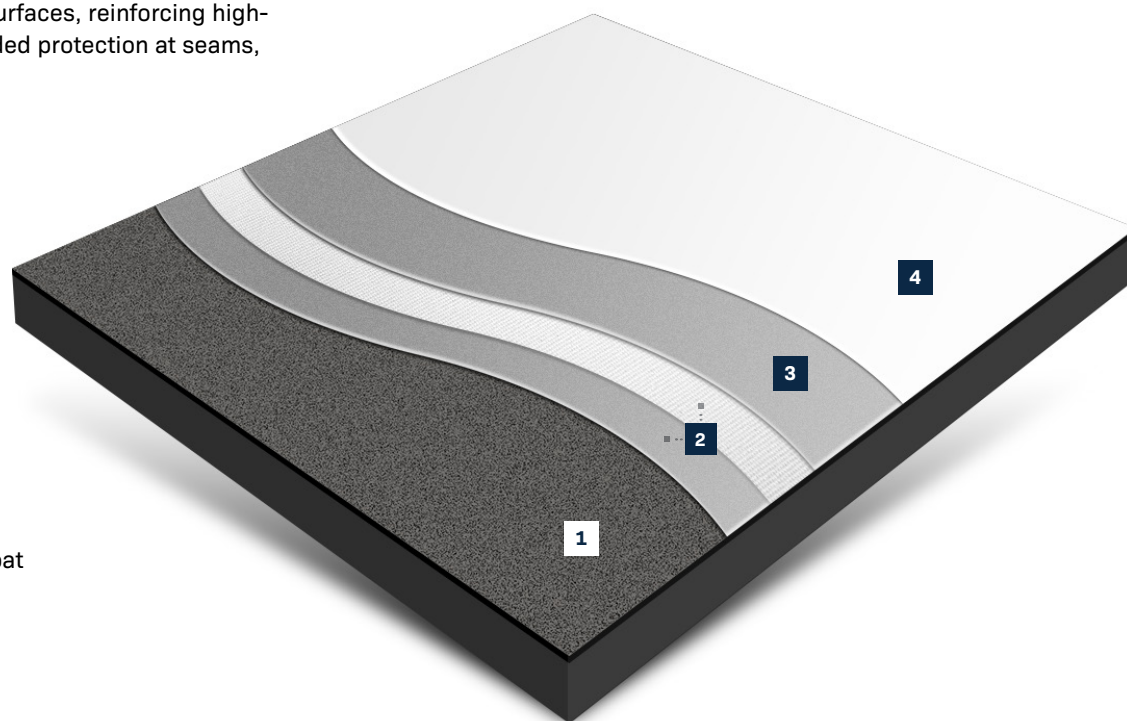
Max-Ply™ creates a fully adhered, highly durable membrane ideal for restoring entire roof surfaces, reinforcing high-stress areas, and providing added protection at seams, penetrations, and flashing.

SUITABLE SUBSTRATES

- Single-ply (EPDM, TPO, PVC)
- Modified Bitumen
- Built-up Roofing (BUR)
- Structural concrete

FEATURES & BENEFITS

- Fully reinforced with highly durable polyester fabric for superior strength and crack resistance.
- Creates a seamless, monolithic membrane that prevents leaks and water intrusion.
- Offers multiple finish options for tailored performance across various roof types.
- Adheres securely to properly prepared substrates for lasting protection.
- Reflective surface helps reduce heat absorption and lower cooling costs.
- Low-VOC formulations meet strict environmental standards for safer application.



- 1 Existing roof substrate
- 2 Fabric Reinforced Base Coat
- 3 Saturation Coat
- 4 Top Coat



152°F

SURFACE TEMPERATURE

96°F

Max-Ply is designed to strengthen and protect commercial roofs with a fully reinforced, seamless membrane. Many flat roofs deteriorate over time from movement, ponding water, and weather exposure. The Max-Ply system delivers superior tensile strength and waterproofing, extending roof life and providing lasting defense against leaks and environmental stress.

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.



FABRIC REINFORCED BASE COAT: Reinforcing fabric is embedded into a wet base coat, forming a seamless membrane across the roof. The fabric is laid flat and fully adhered to the substrate.



SATURATION COAT: A second coat is applied to encapsulate the fabric, creating a strong, watertight membrane for added durability and performance.



TOP COAT: A protective finish is applied to seal the system, delivering long-term weatherability, UV resistance, and reflectivity.

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

12-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
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