

OVERVIEW & FEATURES

WeatherScreen is a heavy-bodied, rubberized, fiber reinforced, fire-rated restoration treatment designed to restore gravel surfaced modified bitumen membranes and asphalt-based BUR systems. WeatherScreen restores and upgrades the weathering surface of the existing roof system with a superior protective surface and enhances the appearance of aged roof systems. An application of WeatherScreen as part of a comprehensive roof restoration system will add many additional years of performance to the existing roof system.

Extend Roof Life - A timely application of WeatherScreen, coupled with an effective preventive maintenance program, ensures the deck and insulation are kept dry and intact. This will extend the life of the roof system and save future roofing dollars by allowing for the possibility of retrofitting.

Strengthen - WeatherScreen's performance qualities are greatly superior to conventional mopping asphalt. The mineral additives in WeatherScreen create a tougher and more durable surfacing than typical asphalt. When this product is used in place of standard hot-mopped asphalt, WeatherScreen increases the tensile strength and weathering capabilities of the roofing membrane.

Fire Resistance - WeatherScreen is formulated with a superior fire retardant during the manufacturing process. This allows for a Class A approval for use over existing or newly constructed modified bitumen or BUR roofs. In addition, a WeatherScreen application over an existing Class B or Class C system can enable that system to qualify for a Class A rating.

Environmentally Friendly - WeatherScreen uses very little solvent and meets VOC requirements. WeatherScreen is cold applied, eliminating the need for torches and hot kettles.

APPLICATION

Ensure that wet conditions do not exist. An infrared roof scan is highly recommended to detect wet insulation. Remove all wet insulation, loose gravel, dirt and debris from the existing roof to ensure proper adhesion. Make all necessary repairs and upgrade flashings. Priming is recommended.

Apply WeatherScreen at a rate of 4-5 gal./100 ft.² (1.63-2.04 l/m²) over newly constructed BUR and modified systems. Use 6-8 gal./100 ft.² (2.44 - 3.26 l/m²) for restoration applications over previously graveled surfaces. Slopes are restricted to 3:12 (25 cm/m) at 77°F (25°C) maximum.

PRECAUTIONS

- Do not apply over wet surfaces
- As with all cold process materials, full cure is dependent upon application rate, time and temperatures
- Lingering odors are to be expected until product achieves full cure
- Please read product label and SDS

WeatherScreen™

Technical Data	WeatherScreen
Non-Volatile (ASTM D 4479)	Typical 75%
Density @77°F (25°C)	9.1 lbs./gal. (1.10 g/cm ³)
Viscosity @ 77°F (25°C) Stormer, round blade	20 - 25 sec
Wet Film Thickness	
New Flood Coat	64-80 mils
4 - 5 gal./100 ft. ² (1.63 - 2.04 l/m ²)	(1,625.6 - 2,032 microns)
Restoration	96-128 mils
6 - 8 gal./100 ft. ² (2.44 - 3.26 l/m ²)	(2,438.4 - 3,251.2 microns)
Asphalt Content (ASTM D 4479)	63% (by weight)
Flash Point (ASTM D 93)	105°F (41°C)
Uniformity (ASTM D 4479)	Pass
Shelf Life	1 year, unopened
Coverage	
New Flood Coat	4 - 5 gal./100 ft. ² (1.63 - 2.04 l/m ²)
Restoration	6 - 8 gal./100 ft. ² (2.44 - 3.26 l/m ²)
Packaging	5 gal. pail (18.9 l) 55 gal. drum (208.2 l)

Eco-Facts	WeatherScreen
VOC	< 300 g/L
Recycled Content	
Post Industrial	2.30%

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.



For more information, visit us at: www.garlandco.com

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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