

## 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.

**Environmentally Friendly** - WeatherScreen uses 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 with Garla-Prime is recommended.

Apply WeatherScreen at a rate of 4-5 gal./100 sq. ft. (1.63-2.04 l/m<sup>2</sup>) over newly constructed BUR and modified systems. Use 6-8 gal./100 sq. ft. (2.44-3.26 l/m<sup>2</sup>) for restoration applications over previously graveled surfaces. Finally, broadcast 400 lbs./100 sq. ft. (181 kg/9.29m<sup>2</sup>) of gravel immediately into the adhesive. 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
- **Do not use gravel buggies over aged modified bitumen roofs for restorations**

Technical Data	WeatherScreen
<b>Non-Volatile</b> (ASTM D 4479)	Typical 75%
<b>Density</b> @77°F (25°C)	9.1 lbs./gal. (1.10 g/cm <sup>3</sup> )
<b>Viscosity</b> @ 77°F (25°C) Stormer, round blade	20 - 25 sec
<b>Wet Film Thickness</b>	
New Flood Coat	64-80 mils
4-5 gal./100 ft. <sup>2</sup> (1.63 - 2.04 l/m <sup>2</sup> )	(1,625.6 - 2,032 microns)
Restoration	96-128 mils
6-8 gal./100 ft. <sup>2</sup> (2.44 - 3.26 l/m <sup>2</sup> )	(2,438.4 - 3,251.2 microns)
<b>Asphalt Content</b> (ASTM D 4479)	63% (by weight)
<b>Flash Point</b> (ASTM D 93)	105°F (41°C)
<b>Uniformity</b> (ASTM D 4479)	Pass
<b>Shelf Life</b>	12 months, unopened
<b>Coverage</b>	
New Flood Coat	4-5 gal./100 ft. <sup>2</sup> (1.63 - 2.04 l/m <sup>2</sup> )
Restoration	6-8 gal./100 ft. <sup>2</sup> (2.44 - 3.26 l/m <sup>2</sup> )
<b>Packaging</b>	5 gal. pail (18.9 l) 55 gal. drum (208.2 l)

Eco-Facts	WeatherScreen
<b>VOC</b>	< 300 g/L

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



For more information, visit us at: [www.garlandco.com](http://www.garlandco.com)

**The Garland Company, Inc.**  
3800 East 91st Street  
Cleveland, OH 44105  
FAX: 216-641-0633  
Phone: 216-641-7500  
Toll Free: 800-321-9336

**Garland Canada Inc.**  
3565 Nashua Drive  
Mississauga, ON L4V 1R1  
Canada  
FAX: 416-747-1980  
Phone: 416-747-7995  
Toll Free: 800-387-5991  
(Only in Canada)

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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