

OVERVIEW & FEATURES

Garla-Shield is a glass fibered, asphalt emulsion designed to protect and prolong the life of an existing roof surface. This weathercoat contains high solids content asphalt, specially selected plasticizers, long-strand glass fiber reinforcement, additional fiber reinforcement and a tightening agent to prevent damage from moisture, while smoothing out non-uniform roof surfaces.

Extends Roof Service Life - Garla-Shield forms a thick blanket of protection over an existing roof mat. The Garla-Shield weathercoat resists ultraviolet radiation, oxidation and attack by the elements to prolong the life of the existing roof surface. Additionally, Garla-Shield is UL Class "A" listed over combustible decks.

Solvent-Free & Low Odor - Garla-Shield is a solvent-free, water-based product that produces no harmful vapors. It can be applied over occupied, air-conditioned buildings without producing disruptive fumes.

Fast Drying & Economical - Garla-Shield is the ideal undercoat when a reflective surface is desired because it reduces total job time and labor costs. Garla-Shield cures much faster than asphalt cut-back coatings. It can be aluminized after 30 days; cutbacks require a 60-90 day drying period.

Multi-Purpose, Smooth Surface Coating - Garla-Shield is ideal for coating alligatored, smooth surfaced built-up roofing. Its fiberglass strands enable it to bridge surface irregularities. It can also be applied over small vertical flashing surfaces, parapets and firewalls.

APPLICATION

The roof surface should be clean and free of dust. All weak spots, breaks or blisters should be repaired. The prepared surface must be primed with Garla-Prime at .5 gal/100 sq. ft. (.20 l/m²).

Garla-Shield is ready for immediate brush application from the container. Material should be uniformly mixed, free of lumps and shall not show any settling, livering or show deterioration in the original sealed container. After slight stirring, material shall be smooth and uniform.

Begin application at the low edge of the roofing surface. Apply Garla-Shield emulsion over the entire primed roof surface at a rate of 5 gal/100 sq. ft. (2.04 l/m²) for smooth or at 6 gal/100 sq. ft. (2.45 l/m²) with polyester. A two coat application is recommended at a rate of 2.5 gal/100 sq. ft. (1.02 l/m²) per coat with smooth and 3 gal/100 sq. ft. (1.22 l/m²) when using polyester. The two coats can be applied simultaneously with an overlapping application technique.

PRECAUTIONS

- Do not spray
- Do not use over 100% rubber or plastic surfaces or over coal tar surfaces
- Do not freeze
- Do not thin
- Do not apply in heavy dew
- Do not apply when the ambient temperature is below 50°F (10°C) or when rain is predicted

Garla-Shield®

Technical Data	Garla-Shield
Non-Volatile (ASTM D 6511) by Weight by Volume	48-52% 48-52%
Density @77°F (25°C) (ASTM D 6511)	8.3-8.7 lbs./gal. (1.03 g/cm³)
Viscosity @ 200 RPM; Krebs Stormer	1100-1800
Wet Film Thickness @ 6 gal. (22.7 l)	96 mils (2,438 microns)
Drying Time, Touch @ 70°F (21.1°C); 50% R.H. (ASTM D 412)	1 hour
Shelf Life	1 year
Coverage Smooth With Polyester	5 gal./100 sq. ft. (2.04 l/m²) 6 gal./100 sq. ft. (2.45 l/m²)
Packaging	5 gal. pail (18.9 l) 55 gal. drum (208.2 l)

Eco-Facts	Garla-Shield
VOC	0 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

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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. $\pm 10\%$ 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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