

OVERVIEW & FEATURES

Garla-Brite is a non-fibered, asphalt-based aluminum roof paint. It provides an exceptionally bright finish with excellent covering power. Garla-Brite preserves, beautifies and provides a reflective shield over old and new roof systems, including metal roofs. It can also be used over a wide variety of other surfaces that require protection from heat, solar radiation, rust and corrosion. Garla-Brite meets and exceeds ASTM D 2824 Type I.

Saves Energy - A Garla-Brite application reduces under roof temperature by 15 degrees or more. As a result, the work load on the building's air conditioning system is reduced by as much as one ton per 1,500 ft. (139 m²) so proper interior temperatures can be maintained at lower costs.

Reduces Roof Deterioration - Garla-Brite's aluminum finish reflects the sun's UV rays and reduces their damaging effects on the roof surface. Two coats form a long-lasting metallic shield which preserves and protects the roof surface and the roof system below. The roof lasts longer and requires less maintenance.

Improves Building Appearance - Garla-Brite provides a bright, attractive roof surface which improves the building's appearance.

Economical - Garla-Brite is formulated to provide maximum per gallon coverage. One gallon (3.8 liters) of Garla-Brite aluminizer covers the same area as 3-4 gallons (11-15 liters) of the standard fibered aluminum coating. Garla-Brite is the ideal top coat for any of Garland's HPR® roofing systems. The second coat should be placed perpendicular to the first coat.

APPLICATION

Existing roof surface must be completely dry and void of any dirt, debris or foreign materials. Mix Garla-Brite for two minutes with an electric power drill and Jiffy mixer blade to thoroughly blend the product. Remixing is necessary every 15 minutes if contents of bucket is not used.

For surfacing modified bitumen roofs or smooth BUR, grid out area on roof that correlates with Garla-Brite's specified coverage rate for one pail of material. Pour out Garla-Brite from the pail and immediately roll product into the marked area with a 1/4" nap smooth roller. Do not overwork material and finish strokes in the same direction for uniform appearance.

For metal surfaces, pouring the coating and spreading with a roller is not recommended. Rather, the coating can be applied by dipping the roller into a tray or trough and rolling onto the metal.

PRECAUTIONS

- Do not dip and roll from pail.
- Roof surface must be at least six Fahrenheit degrees or three Celsius degrees above the dew point and rising.
- Product application must not be done when rain or other conditions such as fog or heavy dew are possible within a 24-hour period.
- Avoid over working the material which can interfere with the leafing of the aluminum and cause the material to appear bronze or darker than desired.
- Allow 30 days for Garla-Shield or any emulsion to cure prior to application of Garla-Brite.
- Allow 90 days for any approved solvent-based product to cure prior to application of Garla-Brite.
- Allow 5 days for any hot-applied system to cool and age prior to application of Garla-Brite.
- Reference product Safety Data Sheet (SDS) prior to application.
- Coverage rates may vary based on surface condition/texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc.

Garla-Brite

Technical Data	Garla-Brite
Flash Point (ASTM D 93)	103°F (39°C) min
Density @77°F (25°C) (ASTM D 1475)	8.51 lbs./gal. (1.02 g/cm ³)
Typical Drying Time @ 50% RH, 77°F (25°C)	Overnight
Service Temperature Extended Exposure	-20°F to 230°F (-29°C to 110°C)
Non-Volatile (ASTM D 2824)	45% min
Resistance to Sunlight	Excellent
Effects of Weathering	Slow erosion
Wet Film Thickness @ 1 gal. (3.8 l)	16 mils (406.4 microns)
Coverage Smooth or Mineral	0.5-0.75 gal/100 sq. ft. per coat (0.20-0.30 l/m ² per coat) 2 coat application
Metal Roofs	0.20-0.25 gal/100 sq. ft. per coat (0.08-0.10 l/m ² per coat) 2 coat application
Shelf life	1 year
Packaging	3 gallon pail (11.4 l) 5 gallon pail (18.9 l)

Eco-Facts	Garla-Brite	
VOC	< 500 g/l	
	Initial	3 Yr. Aged
Reflectance	0.74	0.65
Emittance	0.33	0.33
SRI	77	60

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.



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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. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

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