GARLA-FLEX®

Technical Data Sheet

OVERVIEW

Garla-Flex is an elastomeric, asphaltic mastic designed to seal roof joints and other construction details subject to considerable movement. Unique formulation incorporates special weather and ozone resistant thermoplastic rubber, selected plasticizing oils, bitumen, and recycled crumb rubber from used tires. It contains Styrene-Ethylene-Butylene-Styrene (SEBS) rubber that ensures superior fatigue resistance.

Garla-Flex is ideal for metal work flashing repairs, metal roof surface repairs, blisters, splits and coping stone joints. Because it is sag resistant, Garla-Flex can be used to strip in flashing laps and to crown pitch pockets.

Durable & Watertight – Garla-Flex's unique formula incorporates carbon black and recycled crumb rubber which allows for a longer wearing surface. It's flexible enough to withstand extreme structural movement, and it won't peel off from the shifting of adjacent surfaces. Garla-Flex elongates a minimum 800% and exhibits 80% recovery from 300% elongation (ASTM D 412). Once cured, it forms a moisture-proof rubber gasket that lasts indefinitely.

User & Contractor Friendly – Garla-Flex comes ready to use. No mixing, thinning, heating or stirring are required. Generally, Garla-Flex requires no membrane reinforcement or priming, and it is compatible with both tar and asphalt roof surfaces. The unique formulation of Garla-Flex allows for easier application in cool temperatures.

UV Resistant – Garla-Flex contains carbon black, allowing it to withstand the harmful effects of the sun. Environmentally Friendly - Recycled crumb rubber from discarded tires saves landfill space, cuts down on fire hazards and decreases the number of disease carrying insects.

APPLICATION

Garla-Flex should be applied over firm, dry and grease-free surfaces only. Dusty surfaces and very smooth surfaces such as metal require an initial coat of Garla-Prime™ asphalt-based primer. Garla-Flex is formulated for trowel application. However, it is available in cartridges for application by caulking guns.

Simply spread the material as evenly as possible and smooth with the trowel. Apply Garla-Flex at a rate of 1 gal./7 ft. at 8 in. wide x 1/4 in. deep. Allow Garla-Flex to dry a minimum 24 hours before painting. Application below 40°F (4.4°C) is not recommended. Consult with your local Garland Representative prior to cold weather application.

PRECAUTIONS

- As with all cold process materials, full cure is dependent on application rate, time and temperatures. Lingering odors are expected until product achieves full cure.

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since 1895

Technical Data	Garla-Flex
Separation, settling or livering	None in original container
Sag @ 77°F (25°C), 1/4 in. (0.64 cm) thick (ASTM D 4586)	None
Flash Point (ASTM D 93)	102°F (38°C)
Non-Volatile (ASTM D 4586)	Typical 75%
Elongation, 14-day cure @ 77°F (25°C) (ASTM D 412)	800% min.
One-hour recovery from 500% elongation, 14-day cure @ 77° F(25° C)	90% min.
Viscosity @ 77° F (25° C) (Brookfield RVT spindle #7; 2.5 RPM)	400,000-600,000 cP
Density @ 77° F (25° C) (ASTM D 1475)	8.25 lbs./gal. (0.98 g/l)
Asbestos Content (ASTM D 276)	None
Coverage Rates	
Caulking Application 1/4 x 1/4 in. joint (6.3 x 6.3 mm joint)	26 lin. ft./cartridge (8 m/cartridge)
Field Repairs 1/4 in. thickness (6.3 mm thickness)	5-6 sq. ft./ gal. (0.12-0.15 m^2/l)
Flashing Repairs 1/4 in. thickness (6.3 mm thickness)	7 lin. ft./gal. covers 8 in. wide (0.27 m/l covers 20 cm wide)
Shelf Life	12 months
Packaging	10.1 oz cartridge (300 ml) (10 cartridges per case) 3 gallon pail (11.4 l) 5 gallon pail (18.9 l)

Eco-Facts	Garla-Flex
VOC	250 g/L

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

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MIAMI-DADE COUNTY APPROVED

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