

GreenCoat FG

Acrylic Mastic



Overview

GreenCoat FG is a single-component, acrylic, water-based mastic. This product is intended for use as a flashing material for most substrates and a sealer for seams, fasteners, penetrations, and other details in roof coating applications. GreenCoat FG can be used to fill in small cracks and alligatored asphaltic roof surfaces.

Features and Benefits

Can be applied with trowel, roller, or brush

- Easy cleanup with water
- Superior adhesion
- Long-term durability
- Single-component, low-odor
- Easy to use in most applications
- Excellent sealer over fasteners, rough substrates, seams, details, and transitions
- Low VOC levels allow for application in most regulated areas

Coverage Rate

GreenCoat FG is typically applied at 50 to 100 square feet per gallon per coat. The application rate may vary depending on a variety of factors, such as use and roughness of the application.

Installation

1. All surfaces to be primed must be clean, dry, sound, and free of contaminants. It may be necessary to power wash or otherwise clean the surface to enhance adhesion.
2. Any primers utilized on the roof surface should be applied and cured prior to the application of GreenCoat FG.
3. No thinning or reducing is recommended. Mix material in the container such that it is homogeneous and consistent before use.
4. This product may be applied with a stiff bristle brush, roller, or squeegee. Apply sufficient quantity of material to encapsulate fastener heads and completely seal the seams or cracks being treated.
5. Ensure that the mastic is completely cured prior to subsequent applications of coating.
6. Clean up with water.

Review GreenShield Products' specifications and details for complete installation information. Please contact GSP for more information.

Precautions

- It is not recommended that this product be applied in temperatures below 50°F (10°C) or if inclement weather is expected within 1–6 hours of application. GreenCoat FG will not cure below 50°F (10°C).
- See Safety Data Sheet (SDS) for complete safety information.
- The shelf life of this product in unopened containers when stored between 50°F and 100°F (10°C and 38°C) is 12 months from the date of manufacture. This product will freeze if subject to temperatures below 32°F (0°C) and will be unusable.



Energy Efficient Building Product Solutions

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Typical Physical Properties

Property	Test Method	GreenCoat FG
Solids by Weight	ASTM D1644	74% +2
Solids by Volume	ASTM D2697	64% +2
Density	ASTM D1465	11.7 lbs/gal
VOC	EPA Method 24	<50 grams/L
Viscosity		>100,000 cps
Tensile Strength	ASTM D412	100 psi +25
Elongation	ASTM D412	500% +25
Adhesion-in-Peel	ASTM C794	10 lbs.
Shore A Hardness	ASTM C661	25 ± 5
Accelerated Weathering – QUV		No Change after 6,000 hours
Cure Time @ 75 sf/gal.	Dry to Touch	50°F (10°C): 60 min. 75°F (23°C): 45 min. 110°F (43°C): 30 min.
	Recoat After	50°F (10°C): 4 hrs. 75°F (23°C): 3 hrs. 110°F (43°C): 2 hrs.
	Cure	50°F (10°C): 7 days 75°F (23°C): 5 days 110°F (43°C): 3 days
Color		Light Gray, White

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not effect the specification range for any particular property of this product.

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Shipping Information

Container Size	Gross Weight	Class
2-gallon pail (7.6 L)	25.4 lbs. (11.5 Kg)	55
5-gallon pail (18.9 L)	68.5 lbs. (31 Kg)	55
55-gallon drum (208.2 L)	690 lbs. (313 kg)	55
D.O.T. Classification: Sealant Caulk, Non-Regulated		Protect from freezing (32°F/0°C) during shipping and storage



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