

GreenSil FG

Silicone Mastic



Overview

GreenSil FG is a single-component, high-build, silicone mastic. Upon cure, GreenSil FG forms a durable, weatherproof sealant. Designed for use with Green Shield Products silicone roofing systems, this product can be used to seal and protect roof penetrations, seams, fasteners, and other roofing substrates and surfaces.

Features and Benefits

- Easily applied with trowel, roller, or stiff brush
- 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 Rates

GreenSil 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 that are to be utilized on the roof surface should be applied and cured prior to the application of GreenSil 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, details, or cracks being treated.
5. Ensure that the mastic is completely cured prior to subsequent applications of coating.
6. Clean up with Rule 66 mineral spirits.

Review Green Shield Product's specifications and details for complete installation information. Please contact Green Shield Products for more information.

Precautions

- Apply GreenSil FG when ambient air and substrate temperatures are above 32°F (0°C) and when inclement weather is not forecast.
- GreenSil FG is not recommended for silicone structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion.
- 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.
- See Safety Data Sheet (SDS) for complete safety information.

Typical Physical Properties

Property	Test Method	GreenSil FG
Solids by Weight	ASTM D1644	92% ± 3
Solids by Volume	ASTM D2697	92% ± 3
VOC	EPA Method 24	<50 grams/L
Tensile Strength	ASTM D412	236 psi
Elongation	ASTM D412	.375%
Tack-Free Time at 77°F (25°C) and 50% RH	ASTM C679	.1– 2 hrs.
Cure Time at 77°F (25°C) and 50% RH: (1/8" depth)	ASTM E1980	16 –18 hrs.
Color		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 reflect the specification range for any particular property of this product.

Shipping Information

Container Size	Gross Weight	Class
2-gallon pail (7.6 L)	25 lbs. (11.3 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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