

GreenPrime GP

General Purpose Primer



Overview

GreenPrime GP primer is a single-component, water-based, multi-use acrylic primer used to prepare substrates for the application of elastomeric coatings and sprayed polyurethane foam (SPF). This material is black in color, can be sprayed, rolled, or brushed, and provides excellent adhesion to most surfaces. It has been specially formulated to maximize adhesion to a variety of substrates, including BUR, modified bitumen, wood, metal, concrete (minimum 30-day cure), polyurethane foam, and masonry. This product can be used to “hold,” or temporarily protect, SPF from UV radiation.

Features and Benefits

- Easily applied with airless spray equipment, a roller, or brush
- Easy cleanup with water
- Single-component, low-odor product is easy to use in most applications
- Dark color promotes quick drying and curing
- Can help create a warm substrate for SPF, enhancing yield and performance in cooler weather
- Excellent primer/sealer over many porous substrates, such as wood and concrete
- Ideal for tie-ins and as a night seal for SPF roofing systems
- Low VOC levels allow for use in most regulated areas

Coverage Rates

GreenPrime GP is typically applied at 1/3 to 1/2 gallon per 100 square feet (1.2 to 1.9 liters per 9.3 square meters). The application rate may vary depending on a variety of factors, such as use and roughness of the substrate. This primer should not be applied at rates over 1 gallon per 100 square feet (3.7 liters per 9.3 square meters) in one coat.

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. No thinning or reducing is necessary. Mix material in the container such that it is homogeneous and consistent before use.
3. This product may be sprayed, brushed, or rolled. Airless spray pump should be capable of a minimum of 1,500 psi and output of 1 gallon (3.7 liters) per minute. Use a 0.19” to 0.25” orifice tip, depending on length of hose and spray pattern developed.
4. Ensure primer is completely cured prior to subsequent applications of coating or SPF roofing systems.
5. Clean up with water.

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

Precautions

- GreenPrime GP primer should be applied when ambient air and substrate temperatures are above 50°F (10°C) and no inclement weather is forecast.
- Installers should use caution during application to avoid falls caused by slipping on wet primer.
- Application over primer should occur within 48 hours to maintain adhesive performance due to weathering and dirt pickup.
- 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 in temperatures below 32°F (0°C) and will be unusable.
- See Safety Data Sheet (SDS) for complete safety information

Typical Physical Properties

Property	Test Method	GreenSil FG
Solids by Weight	ASTM D1644	45%±2
Solids by Volume	ASTM D2697	38%±2
Density.	ASTM D1475	9.4 lbs. /gal
VOC	EPA Method 24	<50 grams/L
Cure Time @ 75°F (24°C)		Dry to touch in 30-60 minutes Cure in 2-6 hours

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
1-gallon can (3.8 L)	10.5 lbs. (4.8 Kg)	55
5-gallon pail (18.9 L)	52 lbs. (23.6 Kg)	55
55-gallon drum (208.2 L)	557 lbs. (252.7 Kg)	55
D.O.T. Classification: Roof Coating, Non-Regulated	Protect from freezing (32°F/0°C) during shipping and storage	



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