

GreenPrime SP

Single-Ply Primer



Overview

GreenPrime SP 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). It has been specially formulated to maximize adhesion to a variety of substrates.

Features and Benefits

- Easily applied with airless spray equipment, a roller, or brush
- Provides excellent surface for subsequent application of acrylic, silicone, and polyurethane coatings.
- Single-component, low-odor product is easy to use in most applications
- Designed to provide both excellent adhesion as well as plasticizer migration resistance.
- Formulated to block plasticizer migration from PVC membranes that can cause unsightly discoloration and premature failure of elastomeric coating systems
- Available in a low surface tack, Ivory version and black version for SPF applications.
- Has the unique ability to “breathe”, providing a completely watertight membrane while allowing trapped moisture to escape.
- LowVOC levels allow for use in most regulated areas

Coverage Rate

GreenPrime SP is typically applied at 1/2 to 1.0 gallon per 100 square feet (1.9 to 3.7 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 or 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 Products’ specifications and details for complete installation information. Please contact GSP for more information.

Precautions

- GreenPrime SP 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	Result
Solids by Weight	ASTM D1644	50%±2
Solids by Volume	ASTM D3786	45%±2
Tensile Strength	ASTM D-2370	75 +10 psi
Elongation	ASTM D-2370	1750 +10%
Density.	ASTM D1475	8.8 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

Size	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



Energy Efficient Building Product Solutions

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