

GreenPrime BB

Bleed Block Primer



Overview

GreenPrime BB is a water-based, one-part primer that blocks bleed-through from modified bitumen and other asphaltic substrates. GreenPrime BB enhances coating adhesion and has low VOC levels. This product dries quickly and has excellent resistance to heat, cold, moisture, and weathering.

Features and Benefits

- May be used as a primer coat over modified bitumen, BUR, and other asphaltic substrates
- Compatible with a variety of porous and non-porous substrates including metal, concrete, masonry, and wood
- Easily applied with airless spray equipment, roller, or brush
- Blocks bleed-through from a variety of substrates
- Cures to form a tack-free coating
- Low VOC levels allow for application in most regulated areas
- Non-flammable

Coverage Rates

GreenPrime BB Primer has 55% solids by volume. Coverage rates vary depending on surface texture. For asphalt, bituminous, and granulated surfaces, coverage rates may vary from 0.7 to 1.0 gallons per square. Smoother surfaces may require 0.5 to 0.7 gallons per square. Porous surfaces and rough surfaces will require additional primer.

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. Metal surfaces that have some rusting or oxidation should have any loose scale removed with a grinder or wire brush as needed to remove surface contaminants.
3. Existing roof systems should be inspected for conditions that may adversely affect the adhesion or performance of the primer or coating system. Do not apply GreenPrime BB Primer to wet substrates, coal tar pitch, or Kynar surfaces. expected within 1 hour of application.
4. No thinning or reducing is recommended. Condition material at room temperature prior to application. Mix material in the container so that it is homogeneous and consistent before use.

5. This product may be sprayed, brushed, or rolled. Airless spray pump should be capable of a minimum 2,500 psi and output of 1.6 gallons (6.1 liters) per minute. Use a 0.19" to 0.25" orifice tip, depending on length of hose and spray pattern developed. Smaller areas can be addressed with a medium nap roller or brush. Porous substrates should be back rolled.
6. GreenPrime BB Primer will typically be tack free and cure in 2 to 6 hours. For best adhesion, allow to cure for 12 hours. Dry and cure times will vary depending on temperature, humidity, substrate, and application rate.
7. Clean equipment with water.

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

Precautions

- Do not apply GreenPrime BB Primer when ambient air and substrate temperatures fall below 45°F (7°C) or rise above 120°F (49°C) or when inclement weather is imminent.
- Do not leave primer exposed to elements for more than 72 hours, as weathering and dirt pickup may compromise adhesive performance.
- Do not apply when the dew point is less than 5°F above ambient temperature.
- The shelf life of this product in unopened containers when stored between 50°F and 100°F (10°C and 38°C) is 18 months from the date of manufacture.
- This product will freeze in temperatures below 32°F (0°C) and will be rendered unusable.
- Keep containers covered when not in use.
- See Safety Data Sheet (SDS) for complete safety information.



Energy Efficient Building Product Solutions

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Typical Physical Properties ¹

| Property | Test Method | GreenPrime BB |
|-------------------------|---------------|--|
| Solids by Volume | ASTM D2697 | 55% |
| Liquid Density | ASTM D1475 | 9.3 lbs./gal |
| VOC | EPA Method 24 | 24 <50 grams/L |
| Cure time @ 75°F (24°C) | | 2-6 hours |
| Color | | White, Gray and Tan Custom Colors are available for an additional charge. |

Shipping Information

| Container Size | Gross Weight | Class |
|--|----------------------|-------|
| 5-gallon pail (18.9 L) | 51 lbs. (23 .6Kg) | 55 |
| 55-gallon drum (208.1 L) | 551 lbs. ((252.7 Kg) | 55 |
| D.O.T. Classification: RoofCoating, Non-Regulated | | |
| Protect from freezing (32°F/0°C) during shipping and storage | | |

¹ - 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.



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