

Prime-Tek Bleed Block Plus Primer

Overview

Prime-Tek Bleed Block Plus Primer is a water-based, one-part primer that blocks bleed-through from modified bitumen and other asphaltic substrates. Prime-Tek Bleed Block Plus Primer 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 Rate

Prime-Tek Bleed Block Plus Primer has 44% 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 Prime-Tek Bleed Block Plus Primer to wet substrates, coal tar pitch, or Kynar surfaces.
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. Prime-Tek Bleed Block Plus Primer will typically be tack free and cure in 2 to 6 hours. Material will become translucent in color when cured. 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 Carlisle Roof Foam and Coatings' specifications and details for complete installation information. Contact CRFC for more information.

Precautions

- Do not apply Prime-Tek Bleed Block Plus 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.

Typical Physical Properties

Property	Test	Prime-Tek Bleed Block Plus Primer
Solids by Volume	ASTM D2697	44%
Liquid Density	ASTM D1475	9.3 lbs./gal
VOC	EPA Method 24	<50 grams/L
Cure time @ 75°F (24°C)		2-6 hours
Color		Translucent Green

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

Shipping Information

Container Size	Gross Weight	Class
5-gallon pail (18.9 L)	51 lbs. (23.6 Kg)	55
55-gallon drum (208.1 L)	551 lbs. (252.7 Kg)	55
D.O.T. Classification: Roof Coating, Non-Regulated		
Protect from freezing (32°F/0°C) during shipping and storage		

