

Prime-Tek Epoxy Primer

Overview

Prime-Tek Epoxy Primer is a two-component, 1-to-1 ratio, thixotropic, water-based epoxy primer that is gray in color. This multi-purpose primer is easy to spread and enhances the bond of coatings over most metals, organic polymers, wood, masonry, asphalt, modified bitumen, and vitreous surfaces. It may also be used as a masonry block filler.

Features and Benefits

- Easily applied with airless spray equipment, roller, or brush
- Dark color helps with quick dry and cure
- Helps to create a warm substrate for spray polyurethane foam (SPF), enhancing yield and performance in cooler weather
- Excellent primer/sealer over porous substrates such as wood and concrete
- Most roof coating systems have excellent adhesion to Prime-Tek Epoxy Primer
- Low VOC levels allow for application in most regulated areas
- Listed in CRFC Coating Restoration listings at FM Global and Miami-Dade NOA

Coverage Rate

Prime-Tek Epoxy Primer is typically applied at $\frac{1}{3}$ to $\frac{1}{2}$ 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. Mixing procedure is a two-component primer available in 5-gallon (18.9L) pails. The mixing ratio is one part A to one part B. Mix each component individually, then combine both components in equal amounts and mix until a uniform consistency is achieved. Once mixed, the useable pot life is 2 hours at 75°F (24°C). The pot life can be extended by adding a small amount of water to achieve the original consistency. Do not use any material that has been mixed for more than 4 hours. Avoid overmixing, as product will thicken.
3. Primer may be sprayed, brushed, or rolled. Airless spray pump should be capable of a minimum of 2,000 psi and output of 1 gallon per minute (3.8 L/minute). Use a 0.19" to 0.25" orifice tip, depending on length of hose and spray pattern developed.
4. Ensure that the primer is completely cured prior to subsequent applications of coating or SPF roofing systems. Best adhesion is achieved in 1 to 3 days. Primer cured more than 7 days should be cleaned and re-primed prior to top coating.
5. Clean equipment with water and follow up with Xylene to finish cleaning.

Review Carlisle Roof Foam and Coatings' specifications and details for complete installation information. Please contact CRFC for more information.

Precautions

- Do not apply Prime-Tek Epoxy Primer when ambient air and substrate temperatures fall below 50°F (10°C) or when inclement weather is forecast.
- Installers should use caution during application to avoid falls caused by slipping on wet primer.
- 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 if subject to 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	Prime-Tek Epoxy Primer
Solids by Weight	ASTM D1644	60±%
Solids by Volume	ASTM D2697	42.5±%
Density	ASTM D1475	12.3 lbs./gal. (A) 7.9 lbs./gal. (B)
VOC	EPA Method 24	<50 grams/L mixed material
Cure Time @ 75°F (24°C)		Dry to touch in 0.5 to 1.5 hours Full cure in 12-24 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)	13.3 lbs. (6 Kg) A 8.9 lbs. (4 Kg) B	55
5-gallon pail (18.9 L)	67.5 lbs. (30.6 Kg) A 45.5 lbs. (20.6 Kg) B	55
D.O.T. Classification: Roof Coating, Non-Regulated	Protect from freezing (32°F/0°C) during shipping and storage	

