

Prime-Tek Tie-In Primer

Overview

Prime-Tek Tie-In Primer is a single-component, solvent-based polyurethane primer that provides outstanding adhesion to various substrates, including polyurethane and polyurea coatings. This product is translucent black in color and is ideal for use as a bonding or tie coat primer over aged polyurea and urethane coatings; it can also be used over other substrates such as metal, concrete, and wood.

Features and Benefits

- Easily applied with airless spray equipment, roller, or brush
- Dries quickly
- Provides excellent adhesion to most coatings and plastic materials
- Forms a tough, resilient, abrasion-resistant film
- Excellent bonding primer for fast-cure urethane and polyurea coating aged past the recoat window

Coverage Rate

Coverage rates on rough or porous surfaces may be as low as 100 square feet per gallon (9.3 square meters per 3.8 liters). On smooth surfaces, coverage rates can be as high as 400 square feet per gallon (37 square meters per 3.8 liters).

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. Prime-Tek Tie-In Primer can be applied using conventional airless spray equipment, medium nap roller, or brush. Do not puddle. Use a 0.015" to 0.021" orifice spray tip.
3. Do not heat primer before or during spray application.
4. Mix primer thoroughly before using, as it may separate during storage. Thinning is not recommended.
5. Minimum application temperature is 45°F (7°C).
6. Once applied, primer can be coated as soon as it is dry. Apply top coating within 4 to 8 hours of primer application, depending on ambient and substrate temperatures.
7. Clean up with Xylene or MEK.

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

Precautions

- See Safety Data Sheet (SDS) for complete safety information. Use a NIOSH certified respirator when applying this product.
- Use only in a well-ventilated area. Do not allow vapor from material to be drawn into buildings through air intakes or open windows.
- Water will cause the product to generate CO₂, which can pressurize closed containers
- The shelf life of this product in unopened containers is 12 months from the date of manufacture when stored between 50°F and 100°F (10°C and 38°C). Primer should be used within one week of opening.

Typical Properties and Characteristics

Property	Test Method	Prime-Tek Tie-In Primer
Solids by Volume	ASTM D1644	26±%
Solids by Weight	ASTM D2697	30±%
VOC Content	EPA Method 24	643 grams/liter
Flash Point	ASTM D93	>81°F (27°C)
Viscosity	ASTM D2270	50-100 cps
Density	ASTM D1475	7.7 lbs./gallon
Cure Time @ 75°F (24°C)		2-4 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)	8.7 lbs. (4.0 Kg)	55
5-gallon pail (18.9 L)	44.5 lbs. (20.2 Kg)	55
55-gallon drum (208.2 L)	423 lbs. (192 Kg)	55
D.O.T. Classification: 3, UN 1263, PG II Flammable		