

Prime-Tek TPO III Primer

Overview

Prime-Tek TPO III Primer is a low-VOC, solvent-based primer designed to promote optimal adhesion of SeamsSEAL® Acrylic Coatings, SeamsSEAL ULTRA Silicone Coatings, and other CRFC coatings to new or existing TPO single-ply membranes. The application of Prime-Tek TPO III Primer is simple, cost effective, and efficient. Prime-Tek TPO III Primer is tinted blue to help distinguish primed areas on white TPO membranes.

Features and Benefits

- Promotes optimal adhesion of SeamsSEAL Acrylic Coatings, SeamsSEAL ULTRA Silicone Coatings, and other CRFC coatings
- Compatible with new and aged TPO membranes
- Simple, cost-effective application
- Low-VOC
- Quick drying
- Tinted for easy identification

Coverage Rate

Prime-Tek TPO III Primer application rate is nominally 200–300 square feet per gallon, using spray equipment, roller, or a brush, to a properly prepared surface. Appropriate coverage rates will depend on the condition of the surface.

Installation

1. Prime-Tek TPO III Primer is ready to use; however, some settling of material may have occurred during shipment and storage. Mix prior to use with a large mixer or blade capable of uniformly mixing the entire container.
2. Always review the appropriate Product Data Sheets and Safety Data Sheets for all CRFC products used in a system before starting the project.
3. All surfaces must be clean, dry, and cleared of all dirt, dust, loose granules, pollution fallout, or any other contamination prior to use. To clean contaminated surfaces, use Prime-Tek Membrane Cleaner and high-pressure power washing equipment. Areas with heavy contamination may require extra scrubbing or a repeat of this process. Rinse thoroughly and repeatedly until all traces of dirt and Prime-Tek Membrane Cleaner are removed. Allow roof to dry completely before application of Prime-Tek TPO III Primer.

4. Ensure compatibility and adequate adhesion by applying Prime-Tek TPO III Primer to a test area and conducting appropriate peel adhesion tests.
5. Apply Prime-Tek TPO III Primer and allow to dry completely before applying a coating.
6. Complete drying will require approximately 15 minutes at 75°F (24°C) and 50% relative humidity. Longer drying time is necessary at lower temperatures and/or higher humidity.
7. Do not apply Prime-Tek TPO III Primer at temperatures below 45°F (7°C), or if weather conditions will not allow proper drying and coating before rain, dew, or freezing temperatures occur.

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

Precautions

- Keep containers cool and dry. DO NOT ALLOW TO FREEZE. Avoid extreme temperature variations.
- Use and store this product with adequate ventilation. Keep container tightly closed when not in use. Avoid breathing vapors. If inhaled, move to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, provide oxygen. Call a physician immediately.
- If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.
- Avoid contact with eyes. Safety glasses or goggles are recommended. If splashed in eyes, immediately flush with plenty of clean water for at least 15 minutes. Contact a physician if irritation persists.
- Avoid contact with skin. Wash skin with plenty of clean water and soap after use or contact with skin.
- Always wear appropriate safety equipment such as gloves, respirator, and safety glasses.
- Highly flammable. Keep away from heat, sparks, open flames, hot surfaces, or any other ignition source.

Storage and Shelf Life

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.

Typical Physical Properties

Property	Test	Prime-Tek TPO III Primer
Solids by Weight	ASTM D2369	2.5% (\pm .5%)
Solids by Volume	ASTM D5201	1%
Weight Per Gallon (Density)	ASTM D1475	9.5 lbs. (\pm .5)
VOC	ASTM D3960	<50 g/L per EPA Method 24
Elongation at Break	ASTM D2370	650%
Dry Time	ASTM D1640	15 minutes @ 75°F (24°C), 50% R.H.
Flash Point		5°F (-15°C)
Viscosity	ASTM D2270	100 cps @ 75°F
Storage		Store in well-ventilated area at 50°F to 100°F (10°C to 38°C)
Shelf Life		1 Year
Clean-up		Xylene, Toluene

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
5-gallon pail (18.9 L)	51 lbs. (23.6 Kg)
Flammable Liquid N.O.S. (contains Acetone, Para-chlorobenzotrifluoride)	

