

Prime-Tek TPO II Primer

Overview

Prime-Tek TPO II Primer is a low-VOC, solvent-based primer designed to promote optimal adhesion of SeamsSEAL Acrylic Coating and SeamsSEAL Ultra Silicone Coatings to new or existing TPO. The application of Prime-Tek TPO II Primer is simple, cost effective, and time efficient. Prime-Tek TPO II Primer is to be used exclusively on TPO membranes and is not compatible with EPDM or PVC membranes. Prime-Tek TPO II Primer is slightly tinted to distinguish primed areas on bright white TPO membranes.

Features and Benefits

- Promotes optimal adhesion of SeamsSEAL Acrylic Coatings and SeamsSEAL ULTRA Silicone 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 II Primer application rate is nominally 200-300 square feet per gallon, using a roller or a brush, to a properly prepared surface. Appropriate coverage rate will depend on the condition of the surface.

Mixing

Prime-Tek TPO II 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.

Installation

1. Always review the appropriate Product Data Sheets and Safety Data Sheets for all Carlisle products used in a system before starting the project.
2. 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 Prime-Tek Membrane Cleaner are removed. Allow roof to dry completely before application of Prime-Tek TPO II Primer.
3. Ensure compatibility and adequate adhesion by applying Prime-Tek TPO II Primer to a test area and conducting appropriate peel adhesion tests.
4. Prior to application, mix container thoroughly to create an even consistency.
5. Apply Prime-Tek TPO II Primer at the approximate rate of 200 square feet per gallon using a roller or a brush. Appropriate coverage rate will depend on the condition of the surface.
6. Allow Prime-Tek TPO II Primer to dry completely before applying a topcoat.
7. 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.
8. Do not apply Prime-Tek TPO II 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.
9. Do not use Prime-Tek TPO II Primer on EPDM or PVC membranes.

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.
- While mixing, use non-sparking tools only. Mix prior to use with a ¾ horsepower (or greater) mixer with a blade capable of uniformly mixing.

Typical Physical Properties

Solids by Weight	2.5% (±.5%) [ASTM D2369]
Solids by Volume	1% [ASTM D5201]
Weight Per Gallon (Density)	9.5 lbs. (±.5) [ASTM D1475]
VOC	<100 g/l [ASTM D3960]
Elongation at Break	650% [ASTM D2370]
Dry Time	15 minutes @ 75°F (24°C), 50% R.H. [ASTM D1640]
Flash Point	5°F (-15°C)
Viscosity	100 cps @ 75°F [ASTM D2270]
Storage	Store in well-ventilated area at 50°F to 80°F (10°C to 27°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 are intended as a guide and do not reflect the specification range for any particular property of this product.

Packaging 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)	

