

X-TENDA COAT™

TPO Primer



Overview

Carlisle's X-Tenda Coat TPO Primer is a low-VOC, solvent-based primer that is designed to promote optimal adhesion of X-Tenda Coat Acrylic Coating and other acrylic topcoats to new or aged TPO (new TPO that has been weathered for less than 12 months). The application of TPO Primer is simple, cost effective, and time efficient.

X-Tenda Coat TPO Primer is to be used exclusively on TPO membranes. X-Tenda Coat TPO Primer is not compatible with EPDM and PVC membranes. X-Tenda Coat TPO Primer is slightly tinted to distinguish primed areas on bright white TPO membranes.

Features and Benefits

- » Promotes optimal adhesion of X-Tenda Coat Acrylic Coating and other acrylic topcoats to various roof membranes
- » Compatible with TPO membranes (new and aged)
- » Simple, cost-effective application
- » Low-VOC allows TPO Primer to easily adhere to the existing membrane

Coverage Rate

X-Tenda Coat TPO Primer application rate is 200-400 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

X-Tenda Coat TPO Primer is read-to-use material; 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. When mixing, use non-sparking tools ONLY.

Colors

X-Tenda Coat TPO Primer is tinted red to distinguish primed areas of roof surface.

Application

Always review the appropriate Product Data Sheets and Safety Data Sheets for all Carlisle products used in a system before starting the project.

Surface Preparation: 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 X-Tenda Coat General Purpose 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 General Purpose Cleaner are removed. Allow roof to dry completely before application of X-Tenda Coat TPO Primer.

1. Ensure surfaces have been cleaned and cleared of dirt, dust, loose granules, or any other contamination.
2. All surfaces must be allowed to dry before use of X-Tenda Coat TPO Primer.
3. Ensure compatibility and adequate adhesion and by applying X-Tenda Coat TPO Primer to a test area.
4. Mix container thoroughly to create even consistency.
5. Apply X-Tenda Coat TPO Primer at the approximate rate of 200-400 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.
6. Allow X-Tenda Coat TPO 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 X-Tenda Coat TPO Primer at temperatures below 45°F (7°C), or if weather conditions will not allow proper drying before rain, dew, or freezing temperatures occur.
9. Do not use X-Tenda Coat TPO Primer on EPDM or PVC membranes.

Review Carlisle specifications and details for complete application information.

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Precautions

- » Review the applicable Safety Data Sheet(s) for complete safety information prior to use.
- » 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.
- » 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 the entire container.

Typical Properties and Characteristics

Solids By Weight	2.5% (±.5%) [ASTM D2369]
Solids By Volume	1% [ASTM D5201]
Weight Per Gallon (Density)	9.5 (±.5 lbs) [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]

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.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
VOC Content	<100 g/l
Manufacturing Location	Walpole, MA
Solar Reflectance Index	N/A