

# **TREMprime Multi-Surface Urethane Primer**

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Detailed instructions specific to each primer are listed below.

### Tremco Silicone Metal Primer

**Usage:** Non-porous surfaces, silicone sealants. A one-component primer used to enhance adhesion of silicone sealants on non-porous surfaces such as metals and plastics. Tremco Silicone Metal Primer is also approved for Structural Glazing applications. Apply with a clean cloth. Remove all excess primer from cloth to ensure a very thin layer is applied. Dry time is 15 min at 70 °F (21 °C). Primer must be completely dry before applying sealant.

Silicone sealants can be applied up to 6 hr after primer has been applied. After 6 hr, the surface must be cleaned with IPA and reprimed with Tremco Silicone Metal Primer.

**Coverage Rate:** 1400 to 1800 ft<sup>2</sup>/gal

**Packaging:** 1-pt (473-mL) can

### TREMprime WB

**Usage:** Porous and non-porous surfaces, TREMproof 6100 and 6100BM High-solids, water-based primer for use in preparing porous and non-porous surfaces for application of TREMproof 6100, 6100BM and 6145. Apply with roller or airless spray equipment.

**Coverage Rate:** Concrete: 150 to 300 ft<sup>2</sup>/gal; Metal: 300 to 350 ft<sup>2</sup>/gal

**Packaging:** 5-gal (18.9- L) pails

### TREMprime Silicone Porous Primer

**Usage:** Porous surfaces, silicone sealants. One-component primer used to enhance adhesion of silicone sealant to porous surfaces such as concrete and limestone. Apply generously with a clean cloth. Dry time is 30 to 45 min at 70 °F (21°C). Primer must be completely dry before applying sealant. Silicone sealants can be applied up to 8 hr after primer has been applied. After 8 hr, the surface must be cleaned with IPA and reprimed with TREMprime Silicone Porous Primer.

**Coverage Rate:** 500 to 600 ft<sup>2</sup>/gal.; 9600 ft<sup>2</sup>/gal (1/2" wide band)

**Packaging:** 1-pt (473-mL) can

### TREMprime Non-Porous Primer

**Usage:** Non-porous surfaces and urethane sealants. A low-VOC, water-based, quick-drying, one-part primer. TREMprime Non-Porous Primer is not a film-forming primer. It is used as an adhesion promoter for urethane sealants and coatings on non-porous surfaces such as metals and plastics. Apply with a clean cloth. Remove all excess primer from cloth to ensure a very thin layer is applied. Dry time is 15 min at 70 °F (21°C). Primer must be completely dry before applying sealant or coating. Urethane sealants and coatings can be applied up to 8 hr after primer has been applied. After 8 hr, the surface must be cleaned with a Tremco approved solvent and reprimed with TREMprime Non-Porous Primer.

**Coverage Rate:** 1400 to 1800 ft<sup>2</sup>/gal

**Packaging:** 1-qt (946-mL) can

1-gal (3.8-L) pails

### Vulkem Primer #171 (Not for use in Canada and OTC states)

**Usage:** Porous surfaces, urethane sealants, Vulkem Coating Systems and TREMproof membranes. Quick-drying, one-part, moisture-curing primer. It is used as an adhesion promoter for Vulkem brand urethane sealants and coatings and TREMproof membranes on porous surfaces such as concrete and wood. Apply generously with a clean brush or roller. Do not apply in excess where it will puddle or pond. At 70 °F (21°C), allow 30 to 45 min for primer to become tacky before applying sealant, coating or membrane. Do not allow primer to dry completely. Do not apply sealant or coating if primer becomes hard or glossy. If it does, clean with a Tremco approved solvent and coat with Vulkem 191 Primer.

**Coverage Rate:** 100 to 600 ft<sup>2</sup>/gal

**Packaging:** 1-qt (946-mL) can

1-gal (3.8-L) pails

5-gal (18.9-L) pails

## Primer Selection & Usage Guide

### Primer Selection by Application

#### TREMprime Multi-Surface Urethane Primer

**Usage:** Porous surfaces, interlaminary, urethane coatings. Low-VOC (<60 g/L), two-part epoxy primer used to condition and prep porous surfaces and existing coatings for application of a new coating layer. Apply with a short nap roller or brush evenly to the surface. Primer must dry completely before coating application as indicated by turning from milky-white to completely clear.

**Coverage Rate:** 200 to 300 ft<sup>2</sup>/gal

**Packaging:** 3-gal (11.4- L) kits:

Part A: 2-gal (7.6 L) can

Part B: 1-gal (3.8 L) can

#### Vulkem 191 Primer

**Usage:** Porous surfaces, interlaminary, urethane sealants, coatings and TREMproof membranes. It is used to prepare surfaces of cured urethane sealants, coatings and TREMproof membranes that will be sealed with a fresh coat. Apply with a clean brush or roller. Do not apply in excess or allow to puddle. Use a short nap roller only. Dry time is 25 to 45 min at 70 °F (21°C). Apply coating or sealant within 1 to 2 hr after application when primer is still tacky but does not come off substrate. Primer will yellow with time if left exposed. Do not apply in excess to other substrates not intended to be coated. Do not apply sealant or coating if primer becomes hard or glossy. If it does, clean with a Tremco approved solvent and reprime with Vulkem 191 Primer.

**Coverage Rate:** 400 to 450 ft<sup>2</sup>/gal for interlaminary applications. VOC-compliant.

**Packaging:** 1-qt (946-mL) can

1-gal (3.8-L) pails

5-gal (18.9-L) pails

#### TREMprime VB

**Usage:** Two-component, epoxy-based, solvent-free vapor barrier primer for mitigating vapor drive caused by moisture in concrete for use with our Vulkem coatings, including Vulkem EWS.

**Coverage Rate:** For concrete RH of 88% or above, two coats of TREMprime VB are required.

When applied in one coat, 1 gal / 100 sq. ft. (16 mils).

When applied in two coats, 1 gal / 100 sq. ft. (16 mils) each, 20-40 mesh silica sand broadcast into second coat until refusal.

**Packaging:** 3.6-gal (13.6-L) kits:

Part A - 2.4-gal (9.08 L) pail

Part B - 1.2-gal (4.54 L) pail

#### TREMprime QD Low-Odor Primer

**Usage:** Porous and non-porous surfaces, TREMproof 6100 solvent-based modified bituminous roofing primer for use in preparing porous and non-porous surfaces for application of TREMproof 6100.

**Coverage Rate:** Concrete: 150 to 300 ft<sup>2</sup>/gal; Metal: 300 to 350 ft<sup>2</sup>/gal

**Packaging:** 5-gal (18.9- L) pails

#### ExoAir Primer

**Usage:** ExoAir Primer is specifically formulated for use with the ExoAir membranes. It can be used on porous and non-porous substrates. Surfaces to be primed should be dry, clean, smooth, firm, free of dust, mud, loose mortar, or any other substance that may prevent placement and bonding of the ExoAir membrane. Allow the ExoAir Primer to develop a tack, non-transferrable film (typically 15 to 30 min) prior to installing any membrane. Prime only those surfaces that will be completed that day.

**Coverage Rate:** Approximately 250 ft<sup>2</sup>/gal (6 m<sup>2</sup>/L), depending on porosity and texture of substrate.

**Packaging:** 5-gal (18.9- L) pails

**Color:** Green

#### TREMprime HR Primer

**Usage:** Porous and non-porous surfaces for application of Tremco hot-applied asphaltic fluids. Solvent-based modified bituminous primer promotes adhesion of Tremco asphaltic hot-applied fluids such as TREMproof 6100 and TREMproof 6100BM. It is a multi-purpose primer and can be used on a variety of surfaces, such as concrete, masonry, metal, gypsum, and new or weathered bituminous surfaces. Apply using a brush, short nap roller or airless spray system.

**Coverage Rate:** 200 to 400 ft<sup>2</sup>/gal

**Packaging:** 5-gal (18.9- L) pails

## Primer Selection & Usage Guide

Primer Selection by Application

### Availability

Immediately available from your local Tremco Sales Representative, Tremco Distributor or Tremco Warehouse.

### Coverage Rates

All coverage rates listed are approximate and may differ depending upon texture of the substrate finish.

### Colors

Colors of the primers will vary depending on primer.

### Fire Rated Systems

- None presently listed. For firestop engineering judgement requests please visit [www.tremcosealants.com](http://www.tremcosealants.com) or contact Tremco Technical Services at 866-209-2404.

### Limitations

- All surfaces must be sound, clean, dry and free from contamination. A thorough wire brushing, grinding, sandblasting or solvent cleaning may be required to expose clean, sound, virgin surfaces.

- Any questions regarding drying times, coverage rates and unique application techniques regarding the individual primers should be directed to Tremco Technical Services or your local Tremco Sales Representative.
- Do not apply over contaminated or damp surfaces.
- Do not thin.

### Warranty

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

## 0720/PSUGDS

### Tremco Commercial Sealants & Waterproofing

3735 Green Rd  
Beachwood OH 44122  
216.292.5000 / 800.321.7906

1451 Jacobson Ave  
Ashland OH 44805  
419.289.2050 / 800.321.6357

220 Wicksteed Ave  
Toronto ON M4H1G7  
416.421.3300 / 800.363.3213

1445 Rue de Coulomb  
Boucherville QC J4B 7L8  
514.521.9555



### Product Description

TREMprime Multi-Surface Urethane Primer is a two-component, quick-drying, epoxy-based, VOC-compliant primer primarily for use with Vulkem® urethane deck coating and liquid-applied waterproofing products. It may also be used with Vulkem and Tremco branded urethane sealants.

### Basic Uses

Porous surfaces, interlaminary, urethane coatings. Low-VOC (<60 g/L), two-part epoxy primer used to condition and prep porous surfaces and existing coatings for application of a new coating layer. Apply with a short nap roller or brush evenly to the surface. Primer must dry completely before coating application as indicated by turning from milky-white to completely clear.

### Features & Benefits

- Improves wear and chemical resistance
- Reduces water and salt absorption
- Water-based, low odor
- Resistant to mild acids
- Can be used as a primer under epoxy or urethane coatings
- Resistant to gasoline and other solvent spills

### Coverage Rate

Approximately 200 – 300 ft<sup>2</sup>/gal

### Packaging

3-gal (11.4- L) kits:

Part A: 2 gal (7.6 L) can

Part B: 1 gal (3.8 L) can

### Availability

Immediately available from your local Tremco Sales Representative, Tremco Distributor or Tremco Warehouse.

### Storage

Store indoors, protected from moisture, at temperatures between 45°F and 110°F (7°C and 43°C) and out of direct sunlight.

### Limitations

- Protect from freezing.
- All surfaces must be sound, clean, dry and free from contamination. A thorough wire brushing, grinding, sandblasting or solvent cleaning may be required to expose clean, sound, virgin surfaces.
- Any questions regarding drying times, coverage rates and unique application techniques regarding the individual primers should be directed to Tremco Technical Services or your local Tremco Sales Representative.
- Do not apply over contaminated or damp surfaces.
- Do not thin.

### Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Product proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

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## TYPICAL PHYSICAL PROPERTIES

PROPERTY @ 75°F, 50% RH	TYPICAL VALUE
Mix Ratio (A:B by Volume)	2:1
Total Solids	20%
VOC Content	68 g/L
Pot Life	4 hrs
Storage Temperature Range	45 °F (7 °C) minimum to 110 °F (43 °C) maximum

0117/MSUPDS-DC

3735 Green Rd  
Beachwood OH 44122  
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Toronto ON M4H1G7  
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