## Product Description

### Porous Surface Primers

- **Vulkem® Primer #171** – Urethane sealants, deck coatings, and TREMproof membranes (Not for use in Canada)
- **Vulkem Primer #191 QD**– Urethane sealants, deck coatings and TREMproof membranes
- **TREMprime Silicone Porous Primer** – Silicone sealants
- **TREMprime Multi-Surface Urethane Primer** – Urethane coatings

### Non-Porous Surface Primers

- **TREMprime Silicone Metal Primer** – Silicone sealants
- **TREMprime Non-Porous Primer** – Urethane sealants, coatings and TREMproof membranes

### Urethane Tie-Ins

- **Vulkem® Primer #171** – Urethane sealants, deck coatings, and TREMproof membranes
- **TREMprime Multi-Surface Urethane Primer** – Urethane Coatings
- **Tremco Epoxy Primer** – Below-grade waterproofing and urethane deck coatings to air barrier systems

### Hot Applied Membrane Specific Primers

- **TREMprime WB**
- **TREMprime QD Low-Odor Primer**
- **TREMprime HR Primer**

### Self-Adhered Air Barrier Membrane Primer

- **ExoAir Primer**

### General Application Guidelines

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 sealant to 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 ft²/gal

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

### TREMPprime 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 ft²/gal; 9600 ft²/gal (1/2” wide band)

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

### TREMPprime 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 6 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 ft²/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 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 Primer # 191 QD.

**Coverage Rate:** 100 to 600 ft²/gal

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

1-gal (3.8-L) pails

5-gal (18.9-L) pails

### TREMPprime 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 ft²/gal

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

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[www.tremco.com](http://www.tremco.com)
**Primer Selection & Usage Guide**  
**Primer Selection By Application**

**Vulkem Primer # 191 QD**

**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 15 to 30 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 Primer #191 QD.

**Coverage Rate:** 400 to 450 ft²/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 QD Low-Odor Primer**

**Usage:** Porous and non-porous surfaces, TREMproof 6100, and 6145. High-solids, solvent-based modified bituminous roofing primer for use in preparing porous and non-porous surfaces for application of TREMproof 6100 and 6145.

**Coverage Rate:** Concrete: 150 to 300 ft²/gal; Metal: 300 to 350 ft²/gal

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

**TREMprime HR Primer**

**Usage:** Porous and non-porous surfaces for application of Tremco hot-applied asphaltic fluids. Solvent-based modified bituminous roofing primer promotes adhesion of Tremco asphaltic hot-applied fluids such as TREMproof 6100, TREMproof 6100BM and TREMproof 6145. Can be used on a variety of surfaces, such as concrete, masonry and metal. Apply using brush, short-nap roller or airless spray system.

**Coverage Rate:** 200 to 400 ft²/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 ft²/gal (6 m²/L), depending on porosity and texture of substrate.

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

**Color:** Green

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

**Fire Rated Systems**

- None presently listed. For firestop engineering judgement requests please visit 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 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.