

TREMproof® 201/60

Fluid-Applied, Elastomeric Coal-Tar Free Waterproofing

Product Description

TREMproof® 201/60 is a high solids, VOC-compliant, modified polyurethane waterproofing membrane. TREMproof 201/60 is a one-part moisture curing elastomer. TREMproof 201/60 is available in three viscosities (SL, R and T) that are suitable for applications to horizontal and vertical surfaces at 60 wet mils (T grade applied up to 2").

Basic Uses

TREMproof 201/60 is a fluid-applied, elastomeric waterproof Membrane System. The system is spray, roller, trowel, or squeegee applied and cures to form a continuous, seamless, positively bonded elastomeric waterproof membrane. TREMproof 201/60 is commonly used "between slab" on plaza decks, parking decks, roof terraces, podiums, and reflecting pools where a standard 60 mil waterproofing membrane is required. TREMproof 201/60 is also used for waterproofing foundation walls and retaining walls. The TREMproof 201/60 System is an effective membrane for use on concrete, wood, metal and masonry surfaces. TREMproof 201/60T can also be used as an accessory product to the Paraseal HDPE/Bentonite waterproofing system in detailing transitions in plane, around penetrations, etc.

Packaging

5-Gallon (19 L) Pails and 55-Gallon (208 L) Drums.

Color

Black

Applicable Standards

Conforms to the performance requirements of ASTM C836.

Installation

Surface to be waterproofed must be clean and dry. Concrete slabs should have a light steel trowel followed by a fine hair broom or equivalent finish. Concrete decks should be water cured, and in place a minimum of 14 days, preferably 28 days prior to the application of the membrane. Following good drainage practice, the structural slab should be sloped to drain a minimum of 1/8" (3.2mm) per running foot (30.5cm). All shrinkage cracks shall be treated with a 60 mil (1.5mm) coating of TREMproof 201/60, six inches (15.3cm) wide centered over the crack. Moving structural cracks greater than 1/16" (1.6mm) can be routed out and caulked with TREMproof 201/60T, stripped with bond breaker tape and coated with a 60 mil (1.5mm) detail coat of Membrane, or treated with Tremco DualFlex embedded in membrane, centered over the crack.

At all horizontal-vertical junctures and all projections, a one inch (2.54cm) cant of TREMproof 201/60T shall be installed. Integral flashing shall be installed to the height indicated on the drawings.

TYPICAL PHYSICAL PROPERTIES

ASTM C836	Requirements	TREMproof 201/60
Material	Shall cure and maintain seal against water	Exceeds
Stability (80°F /26.7°C)	Shelf Life 6 months	Exceeds
Hardness, Shore 00	50 minimum	58-64
Weight loss	20% Maximum Loss 80% Solids Minimum	9-12% Loss 88-92% Solids
Low Temperature Flexibility and Crack Bridging	Ten cycles, -15°F/-26°C (0"-1/8", 1/8"-0" = 1 cycle/ 0-3.2mm, 3.2mm-0 = 1 cycle) No Loss of Adhesion	Exceeds
Adhesion-in Peel after Water Immersion (Unprimed)	1 lbf/in. (4.4N)	5-8 lbf/in. (22.2-35.6N)
Extensibility After Heat Aging	Membrane must bridge 1/4 inch (6.4mm) crack	Exceeds

At expansion joints and other areas of potential high movement, Tremco DualFlex embedded into the membrane may be required. Consult your local Tremco Representative or Distributor for specific design details.

All "detailing" must be cured a minimum of 12 hours prior to the application of the membrane. Detailing should be wiped clean with Xylol or Toluol prior to the application of the membrane.

TREMproof 201/60 shall be spray, roller, squeegee or trowel applied at the rate of four gallons per 100 square feet (1.63 liter per square meter) to provide a thickness of 60 mils (1.5mm). Blisters which may form as a result of moisture vapor being emitted from the slab may be reduced by thinning TREMproof 201/60-SL 25% with Xylol or Toluol and using the solution as a primer/ sealer.

A "Flood Test" should be run; the membrane should be cured to a firm rubber set (36 hour minimum) before flooding. Flood with a minimum of one inch (2.54cm) of water for 24 hours.

Where protection against damage by the Trades is necessary, install an approved protection sheet or TREMDrain drainage material as soon as the membrane is a firm rubber.

Availability

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

Limitations

- Do not apply to damp or contaminated surfaces.
- Not to be used as an exposed or wearing surface
- Use with adequate ventilation.

Warranty

Tremco warrants its Membranes 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 Membranes. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase of the quantity of Tremco Membrane proved to be defective and Tremco shall not be liable for any loss or damage.

