

TREMproof® 6100

Multi-Layered, Fabric-Reinforced, Hot-Applied, Rubberized Asphalt Waterproofing Membrane

Product Description

One-part, 100% solids, hot-applied, rubberized asphalt waterproofing membrane. TREMproof 6100 can be formulated with up to 25% recycled content. Contact your local Tremco Sales Representative for additional information.

Basic Uses

TREMproof 6100 is ideally suited for new and remedial waterproofing applications. The TREMproof 6100 system is applied to horizontal concrete surfaces and can be applied to the top level of structures, such as roof decks and unexposed top-level parking areas. TREMproof 6100 can also be used in the following applications: planters, pavers, plaza decks, vegetated roofing systems and submerged conditions.

EQUIPMENT: Heating of TREMproof 6100 is accomplished utilizing a double-jacketed, oil-bath melter with mechanical agitation, specifically designed for applying non-direct fired hot rubberized asphalt waterproofing membranes. An air jacketed melter is also acceptable. Melter must be capable of maintaining material temperature at 375 to 425 °F (191 to 218 °C), and an oil-bath temperature of 500 to 550 °F (260 to 288 °C) intermittently. Direct fired melters are not recommended.

Availability

Immediately available from your local Tremco Sales Representative or Distributor. For Distributor locations, visit www.tremcosealants.com.

Coverage Rates

90 mils = 0.621 lb/ft² (3.03 kg /M²)

125 mils = 0.8625 lb/ft² (4.21 kg/M²)

200 mils = 1.38 lb/ft² (6.74 kg/M²)

215 mils = 1.48 lb/ft² (7.23 kg/M²)

Packaging

50-lb (22.7-kg) boxes, 40 boxes/pallet totaling 2000 lbs (908 kg)

Sold in pallet quantities only.

Colors

Black

Applicable Standards

TREMproof 6100 meets or exceeds the following specifications and approvals:

- CGSB 37.50-M89
- Miami-Dade County Approved - NOA#09-1110.05
- Los Angeles Approved - RR#25299
- New York City Approved - MEA#62-95-5

Fire Rated Systems

- UL Class A - R-10845
- ISO 9001: 2000 Certified
- BBA Agreement Certification

Limitations

- Do not apply over any type of lightweight concrete without prior written approval from Tremco.
- Not for use on wet or frozen substrates.
- Not suitable for direct contact with coal tar derivative materials. If this condition exists on a jobsite, contact Tremco Technical Service for additional instructions.
- Concrete must be allowed to cure for a minimum of 28 days prior to application.

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.

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TYPICAL PHYSICAL PROPERTIES

| PROPERTY | DESCRIPTION |
|-------------|--|
| Type | Hot-applied rubberized asphalt |
| Color | Black |
| Solids | 100% |
| Density | 1.29 |
| Application | Flat Squeegee |
| Cure Time | 24 hr |
| Thickness | Minimum 215 mils (wet), 215 mils (dry) |

| PROPERTY | TEST METHOD | TYPICAL VALUES |
|---|--|---------------------------------|
| Maximum V.O.C. | Method 310 | 0 g/L |
| Flash Point | ASTM D92 Minimum 500 °F (260 °C) | 604 °F (318 °C) |
| Cone Penetration at 77 °F (25 °C), 0.43" (11.0 mm) maximum at 122 °F (50 °C), 0.78" (20.0 mm) maximum | ASTM D5329 at 77 °F (25 °C) at 122 °F (50 °C) | 0.22" (5.7 mm); 0.71" (18.1 mm) |
| Water Vapor Permeance ng/Pa*s*m ² maximum | ASTM C836; ASTM E96 Dry Cup | 0.3 ng/Pa*s*m ² |
| Toughness at 77 °F (25 °C), 5.5 J minimum | CAN/CGSB 37.50-M89; Section 4.4 | 14.9 J |
| Ratio of Toughness to Peak Load at 77 °F (25 °C), 0.04 minimum | CAN/CGSB 37.50-M89; Section 4.5 | 0.04 |
| Adhesion Rating | CAN/CGSB 37.50-M89; Section 4.6 | Pass |
| Water Absorption 0.012 oz (0.35 g) maximum | CAN/CGSB 37.50-M89; Section 4.8 | 0.007 oz (0.20 g) |
| Pinholing 1 pinhole maximum | CAN/CGSB 37.50-M89; Section 4.9 | 0 |
| Low Temperature Flexibility | CAN/CGSB 37.50-M89; Section 4.10 | Pass |
| Low Temperature Crack Bridging | CAN/CGSB 37.50-M89; Section 4.11 | Pass |
| Flow | ASTM D5329 | 0 |
| Heat Viscosity | CAN/CGSB 37.50-M89 | 11 sec |

1119-1/TP6100DS-BG**Tremco Commercial Sealants & Waterproofing**

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