

## TREMproof® 6100

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

#### Product Description

One-part, 100% solids, hot-applied, rubberized asphalt waterproofing membrane. TREMproof 6100 is also available with 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 primarily horizontal but also vertical concrete surfaces and is designed for use on plaza decks, roof decks, parking garages, foundation walls, mud slabs, tunnels, and planters.

#### Applicable Standards

Miami-Dade County Product Control Approved

#### Coverage Rates

The complete TREMproof 6100 system is 150 mils (3.8 mm) thick at .85 lbs. per sq ft (4.14 Kg/m<sup>2</sup>) /10.7 sq ft per gallon (.22m<sup>2</sup>/L ), plus reinforcing fabric.

TREMproof 6100 can be applied at greater thicknesses if desired, such as:  
165 mils (4.2 mm) yielding .93 lbs per sq ft (4.54 Kg/m<sup>2</sup>) / 9.7 sq ft per gallon (.20 m<sup>2</sup>/L)

The complete TREMproof 6100 system is 215 mils (5.5mm) yielding 1.22 lbs per sq ft. (5.96 Kg/m<sup>2</sup>)/7.5 sq ft per gallon (.16 m<sup>2</sup>/L).

#### Packaging

- 50 lbs (22.7 kg) boxes, 40 per pallet totaling 2000 lbs. (908 kg)
- 500 lbs (227 kg) drums, 4 per pallet totaling 2000 lbs. (908 kg)
- Sold in pallet quantities only

#### Color

Black

#### Installation

Heating of TREMproof 6100 is accomplished utilizing a double-jacketed, oil bath kettle with mechanical agitation, specifically designed for applying hot rubberized asphalt waterproofing membranes. An air jacketed kettle is also acceptable.

TREMproof 6100 is applied as a double-lift membrane system and incorporates a spun bound polyester reinforcing fabric. The first layer of TREMproof 6100 is applied at a minimum thickness of 40 mils (1 mm). The fabric reinforcement is then embedded into the first 40 mil (1 mm) layer. A second layer of TREMproof 6100 is then applied at a minimum thickness of 110 mils (2.75 mm).

Refer to Tremco TREMproof 6100 Application Instructions for specific application details. The techniques involved may require modifications to adjust for job site conditions. Consult your Tremco Representative for specific design requirements.

Where protection against damage by the trades is not possible, an approved protection sheet shall be installed. This will provide protection to the installation of wearing course and/or backfilling.

#### Maintenance

Damaged membrane can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

#### Availability

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

#### Limitations

- Do not apply over any type of lightweight concrete without prior written approval from Tremco.
- Not for use on wet or frozen substrates.
- Contact your local Tremco Sales Representative for UV exposure limitations and recommendations.

#### 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 Membrane's. 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.

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

## TYPICAL PHYSICAL PROPERTIES

Cured Film Property	Test Method(s)	Requirement	Typical Result
Flash Point	CGSB 37-50, ASTM D92	> 510° F	565° F (296° C)
Penetration	CGSB 37-50, ASTM D1191	@ 77° F, less than 100 (1/10 mm); @ 120° F, less than 200 (1/5 mm)	55 @ 77° F; 104 @ 120° F
Flow @ 140°F (60°C)	CGSB 37-50, ASTM D1191	< 3.0 mm	1.0 mm
Elasticity/Ratio of Toughness to Peak Load	CGSB 37-50	> 5.5 J	18.0 J
Water Vapor Permeability	CGSB 37-50, ASTM E96 (Procedure E)	< 1.7 ng/Pa-s-m <sup>2</sup> (0.01 perms-inch)	1.5 (.009)
Water Absorption	CGSB 37-50	< 0.11% in 72 hours	0.08%
Low Temperature Flexibility	CGSB 37-50	No adhesive loss or cracking at -25° C	Pass
Low Temperature Crack Bridging	CGSB 37-50	No adhesive loss or splitting at -25° C	Pass
Heat Stability	CGSB 37-50	No change in viscosity, penetration, flow or low temperature flexibility	Pass
Viscosity	CGSB 37-50	2 - 15 seconds	7
Specific Gravity	N/A	N/A	1.2
Softening Point	ASTM D36	N/A	180° F (85° C)



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