TREMproof® 201/60

Fluid-Applied, Elastomeric Coal-Tar Free Waterproofing
Single Component

DESCRIPTION

TREMproof 201/60 is a high solids, VOC-compliant, bitumen modified polyurethane waterproofing membrane. It is a one-part, moisture curing elastomer available in two viscosities; Self-Leveling (SL) and Roller (R) that are suitable for applications to horizontal and vertical surfaces at 1.5mm WFT (wet film thickness).

Tremco Anti-Root Additive is available for use with TREMproof 201/60 as an optional feature to prohibit growing roots from affecting the overall performance of the waterproofing membrane.

BASIC USES

TREMproof 201/60 is suited for waterproofing in plaza decks, roof terraces, pedestrian concourses, podiums, toilets, kitchens, parking garages, planter boxes, backfilled walls, basement walls and split slabs, primarily on concrete and masonry.

FEATURES & BENEFITS

- 1.5 mm can be applied in one coat
- High elongation and elastomeric properties lead to excellent crack-bridging ability
- No primer required on clean dry concrete
- When used with TREMproof Anti-Root Additive will inhibit root penetration through the cured membrane

PACKAGING

18.9L Pails

COLOURS

Black only

COVERAGE

TREMproof 201/60, when applied at the recommended wet film thickness of 1.5mm or 60 mils, will cover 0.67 m2 per litre (1.5 litres/ m2). Coverage will vary with surface condition.

INSTALLATION

Even though TREMproof 201/60 is a single component product it still requires some mixing to make sure that any liquid separation that may have occurred during shipping or storage is eliminated. Before use, mix the TREMproof 201/60 using a slow speed, high torque drill equipped with a jiffy type mixing paddle for 2-3 minutes. Take care to keep the paddle submersed in the liquid during mixing. Raising the paddle in and out of the liquid can introduce air into the coating which can lead to pinholes in the cured coating.

Refer to the appropriate method statement for the system being installed for the required application techniques, application rates, etc. The techniques involved may require modification to adjust to the jobsite conditions. Consult your Tremco Sales Representative or Tremco Asia Technical Service for site conditions requirements.

LIMITATIONS

- Not for use in submerged or gas vapour conditions.
- Do not apply to damp or contaminated surfaces.
- Not to be used as an exposed or wearing surface.
- Not approved for direct contact with asphalt-based products.

APPLICABLE STANDARDS

Conforms to ASTM C 836

WARRANTY

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or colour. 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 or Tremco Membranes proved to be defective and Tremco shall not be liable for any loss or damage.

PROPERTY	TEST METHOD	TYPICAL VALUE
Ultimate Elongation	ASTM D412 : 2006	> 950%
Ultimate Tensile Strength	ASTM D412 : 2006	> 2.0 N/mm^2
Recovery from 350% Elongation	ASTM D412 : 2006	95%
Tensile at 100% Elongation	ASTM D412 : 2006	> 0.8 N/mm^2
Adhesion in peel after water immersion (unprimed)	ASTM C836	> 1.2 KN/m
Tear Resistance	ASTM D624 : 2007	> 25 N/mm
Adhesion to Substrate	ASTM D4541 : 2009	0.5 N/mm^2
Shore 'A' Hardness	ASTM D2240 : 2005 40	> 23
Shore 00 Hardness	ASTM C836	> 86
Water Vapour Transmission (average)	ASTM E96/E96M : 2010	0.2 g/h*m2
Total Water Absorption (average)	ASTM D570 : 2005, 6 months at 25°C	< 5.0 %
Water Tightness	BS EN 1928 : 2000	No dampness at underside of substrate
Extensibility After Heat Aging (maximum crack bridging)	ASTM C836	> 6.4 mm
Low Temperature Elongation at -29°C	ASTM D412-80	450%
Service Temperature (continuous ambient)	ASTM D412-80	- 40°C to + 66°C