



TREMPROOF® 250GC

Single-Component, Rapid Curing, Fluid Applied Elastomeric Waterproofing Membrane

DESCRIPTION

TREMPROOF® 250GC is a rapid-curing, high solids, VOC compliant modified polyurethane waterproofing membrane that can be applied to damp and green concrete. TREMPROOF 250GC is a one-part moisture curing elastomer available in three viscosities: Self-Leveling (SL), Roller (R) and Trowel (trowel intended for detailing work only).

BASIC USES

TREMPROOF® 250GC is designed for use on backfilled walls, split slab applications, planters and submerged conditions. TREMPROOF® 250GC is a complementary waterproofing membrane that can be used with Tremco's Vegetated Roofing systems. Concrete masonry units and plywood are both acceptable substrates.

FEATURES & BENEFITS

- TREMPROOF® 250GC can be applied in as little as 24 hours following the removal of concrete forms. It can also be applied to damp concrete, reducing the delays associated with rain or other sources of moisture.
- The unique ability to catalyze TREMPROOF® 250GC-SL with water when desired will speed cure times, especially in cold temperatures and low relative humidity, to further condense the construction schedule.
- TREMPROOF® 250GC can be applied at a rate of up to 120 mils in a single lift to speed application without sacrificing performance.
- It can also be applied in multiple lifts to achieve a 215-mil high-build system when maximum protection is required.

PACKAGING

18.9L Pail - 36 Pails / pallet

208L Drums - 4 drums / pallet

COLOURS

Black only

COVERAGE

- Approx. 0.67 M²/L at 1.5 mm (60 wet mils)
- Approx. 0.44 M²/L at 2.25 mm (90 wet mils)
- Approx. 0.33 M²/L at 3 mm (120 wet mils)

INSTALLATION

Even though TREMPROOF 250GC 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 250GC using a slow speed, high torque drill equipped with a jiffy type mixing paddle for 2-3 minutes. Take care to keep the paddle submerged 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

- Do not apply to contaminated surfaces.
- Not to be used as an exposed or wearing surface.
- Use with adequate ventilation.
- Concrete forms must be removed a minimum of 24 hours before TREMPROOF 250GC can be applied.
- Not approved for direct contact with asphalt-based products.
- Not for use with potable water.
- Contact local Tremco Sales Representative for compatibility information and job-specific recommendations on tie-in and termination details.
- Do not apply over a curing or forming oil compound.

- Do not apply over a non-vented metal pan decking substrate without contacting your local Tremco Sales Representative.
- Backfilled applications require the use of compatible Tremco protection course.

APPLICABLE STANDARDS

Conforms to ASTM C836

WARRANTY

Tremco warrants its Membranes 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	> 600%
Ultimate Tensile Strength	ASTM D412 : 2006	> 1.5 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	ASTM C794	> 3 N/mm
Tear Resistance	ASTM D4541 : 2009	0.5 N/mm
Shore '00' Hardness	ASTM C836	> 80
Water Vapor Permeability	ASTM E96/E96M : 2010, Dry Cup	0.02 Perm-inch
Water Absorption	ASTM D570 : 2005, 6 months at 25°C	< 5.0 %
Low Temperature Crack Bridging	ASTM C836	Pass
Extensibility After Heat Aging	ASTM C836	Pass
Service Temperature (continuous ambient)		-40°C to 70°C