



FLUID-APPLIED WATERPROOFING MEMBRANES

TREMPROOF 250GC

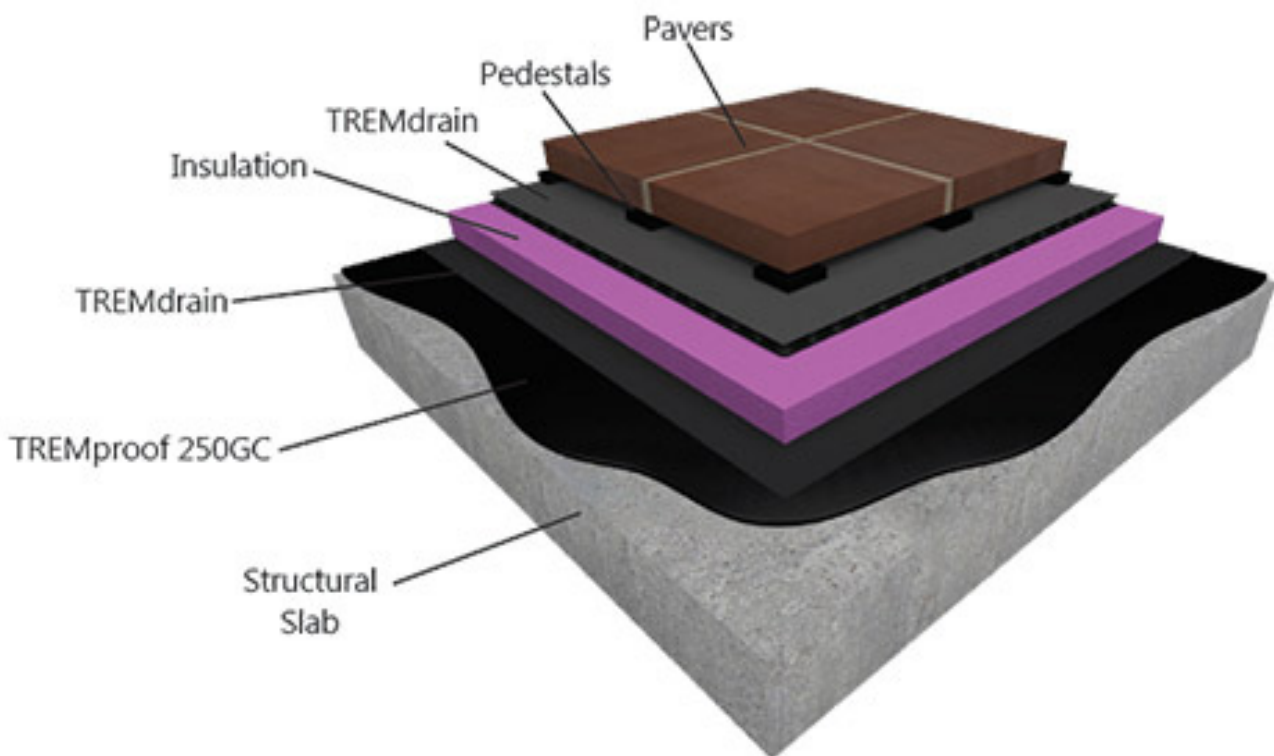
Single-Component, Rapid Curing, Fluid-Applied Elastomeric Waterproofing Membrane

DESCRIPTION

TREMPROOF® 250GC is a rapid-curing, high-solids, VOC compliant modified polyurethane waterproofing membrane. It 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 AND 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

APPLICABLE STANDARDS

TREMproof 250GC meets or exceeds the following specifications:

- ASTM C836 Standard Specifications for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course
- City of Los Angeles (COLA) approval standards
- Miami-Dade County Acceptance 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 your local Tremco Sales Representative or Tremco Technical Service 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 a compatible Tremco protection course

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 your local Tremco Sales Representative or Tremco Technical Service 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 a compatible Tremco protection course.

COVERAGE RATES

- Approximately 25 ft²/gal (0.61 M²/L) at 60 wet mils
- Approximately 18 ft²/gal (0.44 M²/L) at 90 wet mils
- Approximately 13 ft²/gal (0.32 M²/L) at 120 wet mils
- Approximately 7.5 ft²/gal (0.19 M²/L) at 215 wet mils

PACKAGING

- 5-gallon (19-L) pails, 36 pails/pallet
- 55-gallon (208-L) drums, 4 drums/pallet

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION
Composition	Modified Polyurethane Waterproofing
Color	Black
Solids	No less than %84*
Grade(s)	Trowel, Roller and Self-Leveling
Cure Time	6 to 12 hr at 75 °F (24 °C), %50 RH
Thickness	60 mils

PROPERTY	TEST METHOD	TYPICAL VALUES
Film Thickness	ASTM C836	60 wet mils
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	%600
Adhesion-in-Peel after Water Immersion (Unprimed)	ASTM C836; ASTM C 794	17 lbf/in (29.77 N/cm)
Low-Temp Flexibility	ASTM C836; ASTM C 836	Pass
Weight Loss %20 maximum Loss %80 Solids minimum	ASTM C836; ASTM C 1250	%15 Loss maximum %85 Solids minimum
Low Temperature Crack Bridging	ASTM C836; ASTM C1305	Pass
Extension after heat aging No observable cracking	ASTM C836; ASTM C1522	Pass
Hardness, Type 00 50 Min.	ASTM C836; ASTM D 2240	87
Water Vapor Permeance	ASTM C836; ASTM E96 Wet Cup	1.15 US Perms
	ASTM C836; ASTM E96 Inverted Wet Cup	1.05 US Perms
Maximum V.O.C.	Method 310	No more than 177 g/L* (LV formulation does not exceed 100 g/L)
Shelf Life Stability 6 Months Minimum	6 months	12 months
Application Temperature		Above 40 °F (5 °C) and rising. If installing below 40 °F (5 °C), please contact Tremco Technical Services at 866-209-2404.
Storage Temperature		40 to 100 °F (5 to 37 °C)

*Varies Depending on grade of material used.

**Modified ASTM C1305

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