

PRODUCT DESCRIPTION

TREMproof® FCW is a two-component high flexible cementitious waterproofing coating. It consists of special polymer pre-blended resin and fillers powder with graded fine quartz. TREMproof FCW is water based, non-toxic and non-hazardous.

Mixing of the two component results in a plastic, thixotropic and easily applicable compound, even to vertical surfaces.

BASIC USES

- Waterproof coatings of tanks, containers and water reservoirs, bathrooms, planter boxes, kitchens, ponds and swimming pools etc.
- Floors in garages, on parking areas, environmental decks and on specific roofs (protected) etc.

FEATURES AND BENEFITS

TREMproof FCW replaces ordinary cementitious waterproofing screed and rendering in a very effective way:

- Flexible, good elongation properties
- Fast setting time.
- Non-toxic.
- Breathable / can be applied on damp surface.
- Excellent adhesion to most common substrates.
- Waterproof.

PACKAGING

25KG per set

15 KG powder, 10KG liquid

COLOURS

Grey

COVERAGE

Minimum 2 coats at approximately 1.0 kg/m² per coat*

SUBSTRATE PREPARATION

The Substrate must be thoroughly cleaned preferably with mechanism means to get rid of the dust and loose particles the surface preparation method must expose below holes and weak concrete. All surface imperfections must be treated with appropriate Euclid Repair products prior to application of coating

INSTALLATION

- Apply the well-mixed TREMproof FCW slurry with a brush, roller, or rubber squeegee onto the substrate.
- The recommended thickness of the coat to be applied is 1 to 2mm for walls and 1.8mm to 2mm for floors, depending on the expected water pressure.
- The required thickness is achieved by applying 2 layers, taking care that each layer is approximately 1.0 mm.
- Leave the first coating to dry for 2-3 hours before applying the second coat.
- Leave the second coat of TREMproof FCW to cure overnight before proceeding to conduct water ponding test.
- Exposed surfaces must be protected against direct UV-radiation. This can be done with a layer of screed, an Aluminum paint sprinkling of sand or laying of thermal insulation sheets.

LIMITATIONS

- Not to be used as a trafficable or UV stable waterproof membrane.
- Not to be used below grade.
- Do not apply to contaminated surfaces.
- The surface temperature for product application should be between 10°C and 30°C. The curing process will slow down substantially when substrate or ambient temperatures are below 10°C or where relative humidity is >85%.

SHELF LIFE & STORAGE

12 months in original, unopened package. Keep dry and away from direct sunlight.

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.

TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE
Mix Ratio	...	15KG Powder+10KG Polymer
Pot Life	...	45 - 60 minutes (at 30 °C)
Tensile Strength	ASTM D:412-2016	1.0 N/mm ²
Elongation at break	ASTM D:412-2016	Min 120%
Crack Bridging After 10 Cycles forward and backward	ASTM C1305	Passed (No crack observed upto 2mm)
Bond of Strength by Pull-Off	ASTM D4541	0.8 N/mm ² (Cohesive failure)

