

DESCRIPTION

TREMproof 200EC is a two-component waterborne epoxy primer designed to act as a vapour retarder on porous substrates, to minimise vapour drive into liquid applied waterproofing membranes, which could result in blisters and other inconsistencies in the waterproof membrane.

USAGE/PURPOSE

TREMproof 200EC is used on relatively high moisture/newly formed concrete to accelerate the construction cycle and minimise vapour drive into the waterproof membrane application.

FEATURES & BENEFITS

- ❑ Ultra low viscosity ensures product migrates into the capillary tracks of the concrete, maximising surface penetration and hydrostatic resistance.
- ❑ VOC <10 g/L allows for use on Green Star projects and for use in areas where solvents may be an issue.
- ❑ Water clean-up reduces the presence of solvents on a construction site and allows for easy clean-up.

PACKAGING

20L Kit

COLOURS

White/Light Grey

SHELF LIFE

12 months when stored as recommended in original unopened packaging.

STORAGE

Store in a dry, cool place in an upright position in original unopened packaging.

LIMITATIONS

- ❑ Not to be used as a coating/barrier.
- ❑ Not to be used on non-porous surfaces, especially steel or metal as it may promote corrosion.
- ❑ When applied in enclosed areas, the cure rate of TREMproof 200EC will be dramatically lengthened. As such, Tremco recommends adequate ventilation and air flow to promote sufficient drying times.
- ❑ Storing or installing TREMproof 200EC in cool or high relative humidity environments will dramatically increase the time needed for the TREMproof 200EC to cure.

TYPICAL PHYSICAL PERFORMANCE	
PROPERTY	TYPICAL VALUES
Type	Water-Based Epoxy Primer
Physical State	Ultra-Low Viscous Liquid
Volume Solids	37%
Mixing Ratio	1:1
Pot Life (@ 25°C, 50% RH)	2 hours
Re-Coat (@ 25°C, 50% RH)	4 hours

CONDITIONS PREPARATION FOR CONCRETE SURFACES

1. Concrete shall be water-cured and attain a 20 MPa minimum compressive strength. No ponding water should be present and the concrete should not appear damp prior to installation of the TREMproof 200EC primer.
2. Concrete shall be free of any laitance which may inhibit sufficient adhesion. Removal of laitance can be achieved through a variety of physical abrasion methods, such as, shot blasting (preferred method), sandblasting or grinding.
3. Concrete surface shall be properly cleaned so that the surface to receive the primer is free of mould, paint, sealers, coatings, curing agents, loose particles, and other contamination or foreign matter that may interfere with the adhesion.
4. Spalled areas shall be cleaned free of loose contaminants prior to repair. Because jobsite conditions vary, it is recommended that you contact your local Tremco Representative. Depending on the substrate and depth of the spalled areas, a TREMcrete repair product will be recommended as the best method of repair.
5. When floors have high moisture content (more than 4.5% when measured using a TRAMEX CME-4 moisture meter), Tremco recommends two coats of the TREMproof 200EC primer to provide an effective vapour retarder.

USAGE

The following is a guide to estimate material usage:

Coverage Rate	Thickness	
	0.20 - 0.33mm WFT	0.075 - 0.12mm DFT
3 - 5 m ² /L		

METHOD OF APPLICATION

1. Each component must be individually mixed to eliminate settling of the component material.
2. Thoroughly mix the two components together at the ratio of 1:1 until a homogeneous appearance is obtained. It is suggested to only mix the total volume required for application, and to avoid aeration during mixing.
3. All porous substrates must be primed with TREMproof 200EC primer at a rate of 3 – 5 m²/L. Coverage rate will depend on the porosity of substrate. Allow primer to cure before applying Tremco polyurethane sealant or membrane. If primer has been left for a prolonged period (>48 hours) or has become contaminated with dirt/debris, please clean with water and apply a new coat of TREMproof 200EC primer.
4. When floors have high moisture content (more than 4.5% when measured using a TRAMEX CME-4 moisture meter), Tremco recommends two coats of the TREMproof 200EC primer to provide an effective vapour retarder.
5. Ensure to work the material into the substrate surface to fill voids and eliminate pin holing. Where pinholes are observed in the cured coating, an additional coat of TREMproof 200EC should be applied prior to subsequent membrane application. Successive coats should be applied at right angles to the previous coat. Consult Tremco technical services for further information.

CLEAN UP

- ❑ Wash all equipment in water or water/detergent immediately on completion of application and mixing.
- ❑ Ensure dirty equipment is not left soaking in water.

TROUBLESHOOTING

This section describes common industry application issues when certain environmental conditions exist and their remedies. If any of these should occur, it is always recommended that you contact your local Tremco Representative.

1. When a deck contains too much moisture, the moisture may change into a vapor, which then condenses at the concrete-primer interface before the primer has cured and may cause pin holes, ultimately interfering with proper adhesion. If this should occur, Tremco recommends using a 2nd coat primer.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet (SDS) must be read and understood prior to use.

TECHNICAL SERVICE

Tremco has a team of Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.