

PRODUCT DESCRIPTION

TREMproof Façade is a high performance, water based acrylic coating designed to provide a decorative and protective façade coating. TREMproof Façade is a single component, highly flexible, waterproof protective coating, which provides an aesthetically pleasing finish.

USAGE/PURPOSE

TREMproof Façade has been designed to be used on:

- Façades
- Columns
- Partitioning
- Brick/Masonry/Rendered Walls

FEATURES & BENEFITS

- Excellent resistance to UV and weathering.
- Extremely durable and flexible.
- Excellent adhesion to prepared substrates.
- Dirt pick-up resistance and easy to maintain.
- Environmentally friendly.
- Colour matching available.

PACKAGING

15L Pail

COLOURS (Satin Finish Only)

Standard colour range – White, Mid Grey & Sandstone

**Whilst care is taken to accurately colour match, batch to batch variations may occur. Tremco strongly suggest project requirements are ordered in a single batch lot to avoid potential colour matching variations. Minimum order quantities and charges may apply.*

SHELF LIFE

6 months when stored as recommended in original unopened packaging.

STORAGE

Store in original, undamaged packaging in a clean, dry, protected location.

LIMITATIONS

- Do not apply onto damp or contaminated substrates.
- Not to be used as a trafficable coating.
- Do not apply coating onto hot substrates.
- Do not apply if rain is imminent, within 12 hours after application.

COVERAGE RATE

4.5m²/L (per coat)

DFT – 0.25 mil

CONCRETE SURFACE PREPARATION

1. Concrete shall be water-cured and attain a 20 MPa minimum compressive strength. Moisture content in the concrete shall be lower than 4.5%, as measured using a Tramex CME Moisture Meter. Where the moisture content is 4.5% or above, a minimum of 2x coats of TREMproof 200EC primer will be required. Depending on concrete construction and job site location, additional concrete testing may be required. Please contact your local Tremco Representative.
2. Concrete shall be free of any laitance which may inhibit adhesion. Removal of laitance can be achieved through a variety of physical abrasion methods, such as shot blasting (preferred method), sandblasting or grinding. Where a physical abrasion method has been used, a minimum of 2x coats a suitable Tremco CPG Australia primer shall be applied.



3. Surfaces shall be made free of defects that may telegraph and show through the finished coating. All 90° transitions shall be modified to 45°, to eliminate sharp edges/corners. Surfaces that are rough (fins, ridges, exposed aggregate, honeycombs, deep broom finish, etc.) shall be levelled and made smooth by applying a coat of sand-filled epoxy using TREMprime EP.
4. Concrete surface shall be properly cleaned so that the surface to receive the coating, sealant or liquid-applied flashing is free of mould, paint, sealers, coatings, curing agents, loose particles, and other contamination or foreign matter that may interfere with the adhesion.
5. In the event of exposed reinforcing steel, it is recommended that the structural engineer of record be contacted for investigation and for best repair method.
6. 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 EUCOcrete repair product will be recommended as the best method of repair.
7. Shrinkage cracks in the concrete surface that are 1.6mm wide or greater shall be ground out to a minimum 6mm wide x 12mm deep and treated according to the instructions in 'Detail Work' section.
8. Structural cracks regardless of width shall be ground out to a minimum 6mm wide x 12mm deep and treated according to the instructions in 'Detail Work' section.
9. All drains shall be cleaned and operative. Drains shall be recessed lower than the deck surface. The surface shall be sloped to a drainage point to provide positive drainage (refer to the relevant Australian Standards/NCC for required fall). Drains should be detailed as instructed below:

Cut a 6mm wide x 12mm deep keyway into the concrete surface at any point where the coating will have an exposed terminating edge - that is, any point where the coating will end in an open area subject to traffic, for example, at the end of a ramp, around drains and alongside expansion joints.
10. If the project is a restoration deck, old sealant and membrane material shall be removed. The joint interface will require a thorough wire brushing, grinding, sandblasting, solvent washing and/or primer.

MOVEMENT JOINTS & EXISTING CRACKS

1. TREMproof Façade should not be applied directly over movement joints as this may exceed the movement capability of the coating. All joints need to be prepared and sealed with an appropriate sealant such as Tremco's Dymonic 100 - please seek technical advice from a Tremco representative.
2. Cracks should be addressed and prepared accordingly with an appropriate bandage system such as Tremco's Permafab or sealant such as Tremco's Dymonic 100 - please seek technical advice from a Tremco representative.

- It is highly recommended to avoid applying polyurethane sealants as this may cause bleeding into the coating being applied.

JOBSITE MATERIALS

- ❑ TREMproof WB Primer: A one-part, film-forming primer to be used on porous surfaces.
- ❑ TREMprime EP: A 100% solids, two component epoxy primer recommended for use on porous substrates (concrete, brick, stone) and also as a compatible tie-in coat to create connectivity between otherwise incompatible membranes.
- ❑ TREMproof 200EC: A low-VOC, two-part, water based epoxy primer for use on porous substrates, such as wood and concrete to provide a vapour retarder. Also can be used on concrete based substrates to provide an efflorescence barrier.
- ❑ TREMprime Non-Porous Primer: A low-VOC primer for use in applying urethanes to non-porous substrates such as metal, PVC and glass.
- ❑ Dymonic 100: A one-part, exceptional movement (+100/-50%) moisture curing, gun grade polyurethane sealant for use in precast, masonry, expansion joints, control joints and for use in forming cant/fillet bead.
- ❑ TREMflex 50: A one-part, high movement (+/-50%) moisture curing, gun grade polyurethane sealant for use in precast, masonry, control joints and for use in forming cant/fillet bead.
- ❑ TREMproof Façade: Single component, high performance, water based acrylic coating designed to provide a decorative and protective façade coating.
- ❑ Vulkem H2 Plus: Single component, modified acrylic waterproofing membrane, incorporating micro fibres to increase strength and wet film thickness.

PRIMING

- ❑ Tremco suggest applying either TREMproof WB Primer or TREMproof 200EC onto the prepared substrate. When using TREMproof WB Primer, allow 2 – 4 hours before applying the coating. When using TREMproof 200EC, allow 4 – 6 hours before applying the coating.
- ❑ Primer drying times may vary depending on ambient conditions.

MIXING INSTRUCTIONS

TREMproof Façade should be mixed with a suitable electric paddle mixer at a rate of 500rpm for a minimum of 3 minutes, ensuring there is no settlement at the base of the drum.

APPLICATION INSTRUCTIONS

- TREMproof Façade can be applied by roller, brush or airless spray. Dependent on the aesthetic finish required, a nap roller or textured roller can be used. The coating is to be applied evenly at the recommended coverage rates.
- First coat application is to achieve a wet film thickness of no less than 215 microns. After allowing the first coat to dry between 6 – 8 hours, a second can be applied at the same wet film thickness (215 microns).
- Drying times may vary depending on ambient conditions.

CLEAN UP

- ❑ Clean all adjacent areas to remove any stains or spills with Tremco Xylol.
- ❑ Clean tools or equipment with Tremco Xylol before material cures.

HEALTH & SAFETY PRECAUTIONS

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

TECHNICAL SERVICE

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

Any information provided by Tremco CPG Australia in this document in relation to Tremco CPG Australia's goods or their use is given in good faith and is believed by Tremco CPG Australia 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 CPG Australia 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.

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