

## PRODUCT DESCRIPTION

**TREMprime EWB** is a two-component, waterborne epoxy primer, designed to be applied to porous high moisture substrates. It has been developed specially for fresh, moist, damp and old concrete prior to application of epoxy and polyurethane topcoats.

## BASIC USES

- High moisture primer for use under all Tremco polyurethane and epoxy coatings.
- Can be used in both external and internal applications.
- Suitable to be applied to most porous substrates.
- Can be used over damp concrete surfaces where normal resinous coatings cannot be applied.
- Can also be used as a clear thin primer coat over asphalt surfaces for subsequent finishes.

## FEATURES & BENEFITS

- Low VOC.
- Low viscosity for maximum penetration.
- Can be installed over green concrete, allowing for an accelerated construction schedule.
- Can be installed over a high moisture, porous substrate.
- Effective barrier coat over many existing finishes.
- Breathable
- Convenient recoat properties.

## AVAILABILITY

Contact your Local Tremco Sales Representative.

## STORAGE

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

### Shelf life:

12 months from date of manufacture when stored under warehouse conditions in original unopened packing.

### TECHNICAL DATA (TYPICAL VALUES at 25°C )

<u>PROPERTY</u>	<u>VALUE</u>
Component	Two : Part A - Base Part B - Hardener
Mixed Form	Liquid
Appearance	Light Yellowish
Pot Life	60 ± 10 mins.
Service Temperature	+5 to 65°C
Full Curing Time	7 days
Time Between Coats	6 to 48 hrs

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## APPLICATION

### SURFACE PREPARATION

Concrete shall be water-cured and attain a 20 MPa minimum compressive strength. New concrete must be firm, clean, and free of any adverse moisture conditions. The surface must have an appropriate surface profile and be well-cured (< 6% moisture content). 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. Removal of laitance can be achieved through a variety of physical abrasion methods, such as, shot blasting (preferred method) sandblasting or grinding. Holes and cracks should be filled with water-based epoxy putty. Surface deterioration / undulations and rough surfaces should be treated with Euco Level SL, polymer modified self levelling cementitious screed. Previously painted surfaces should be completely stripped off by peeling degraded paint. Wooden surfaces must be clean and sound.

### MIXING

TREMprime EWB is supplied in pre-measured packs. Base and hardener should be stirred separately before mixing. Transfer the hardener pack into the base and mix for a minute using a slow speed drill machine fitted with paddle mixer to get a uniform colour. Scrape the sides, edges and the bottom of the mixing container using a spatula and continue mixing for a further two minutes.

### APPLICATION

Apply the material with a suitable squeegee, stiff nylon brush or roller working the TREMprime EWB into the substrate to ensure total absorption into any pinholes and voids. Spray application is also possible. Airless spray will provide faster rate of application.

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## PACKAGING

- 5L Kit & 20L Kit

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## COVERAGE

6 to 7 m<sup>2</sup>/L/coat. Coverage rates can vary according to the substrate porosity and texture

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## PRECAUTIONS AND SAFETY RECOMMENDATIONS

- Not suitable for use as a UV exposed.
- Not suitable for use on non-porous materials like metal / steel.
- Wear safety glasses, gloves and protective clothing. Avoid contact with skin and eyes.
- In the event of contact with eyes: rinse thoroughly with clear water and consult a doctor.
- Clean all equipment and tools with water immediately after use.
- Consult the safety data sheet for more information.

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