

TREMCO TREMproof W95 Primer

www.tremco.com.au

Two-component, Polyurethane Primer

PRODUCT DESCRIPTION

TREMproof W95 Primer is a two-component, high solids, liquid applied, epoxy-polyamine primer with unique penetrating characteristics. TREMproof W95 Primer is AS4020 approved for direct contact with potable water.

USAGE/PURPOSE

Priming surfaces before the installation of Tremproof W95

FEATURES & BENEFITS

- Seamless
- Excellent Adhesion
- Low Viscosity

PACKAGING

- 56.7L Kit - Part A (18.9L x2), Part B (18.9L)

COLOUR

- Part A - Blue
- Part B - Yellow

SHELF LIFE

1 year when stored as recommended in original unopened packaging.

STORAGE

TREMproof W95 Primer has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

LIMITATIONS

- TREMproof W95 Primer should be coated within 12-16 hours after it has become tack free. Not UV stable. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible.
- TREMproof W95 Primer is difficult to clean up after it has cured.
- Do not dilute TREMproof W95 Primer. Mix no more material than can be used within 20 minutes.



SUBSTRATE PREPARATION

1. Concrete shall be water-cured and attain a 20 MPa minimum compressive strength. Moisture content in the concrete must be lower than 4.5% as measured using a Tramex CME 4 Moisture Meter. Depending on concrete construction and job site location, additional concrete testing may be required. Please contact your local Tremco Representative.
2. Substrate 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. Substrate 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 job-site 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.

USAGE

The following is a guide to estimate material usage:

USAGE	
PROPERTY	TYPICAL VALUES
Coverage Rate	0.14L/m ²
Dry Film Thickness per Coat	0.127mm

Coverage rate will depend on surface roughness and porosity.

TYPICAL PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	TYPICAL VALUES
Mixing Ratio		2A : 1B
Pot Life at 75°F (24°C), 50% RH		20-30 min
Hardness,	ASTM D-2240	70 ± 5 Shore D
<i>Specific Gravity,</i>		
Side-A		1.09 ± 0.1
Side-B		1.07 ± 0.1
Total Solids by Weight,	ASTM D-2369	91 + 2%
Total Solids by Volume,	ASTM D-2697	90 + 2%
Viscosity at 75°F (24°C) Side-A & Side-B combined		600 ± 50 cps
Volatile Organic Compounds	ASTM D-2369-81	90 gm/litres

MIXING

The volume mixing ratio is 2 parts Side-A Blue Liquid to 1 part Side-B Yellow Liquid, (2A:1B). Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. TREMproof W95 Primer must always be mixed with two parts Side-A and one part Side-B (2A:1B). The combined components should be thoroughly mixed using a mechanical mixer at slow speed. Do not mix in an up and down motion.

APPLICATION

It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow TREMproof W95 Primer to become tack free before applying the coating. Approximate tack free time is 4-6 hours at 75°F (24°C) and 50% relative humidity.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point.

TREMproof W95 Primer is very sensitive to heat. Higher temperatures will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

CLEAN UP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

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.