

PRODUCT DESCRIPTION

TREMstop Hydro Mastic is a one-component, solvent-free adhesive and sealing compound based on polyurethane technology which swells in contact with water for the sealing of joints and pipe penetrations.

USAGE/PURPOSE

TREMstop Hydro Mastic is specifically designed for the following applications:

- Sealing of flat and uneven construction joints, even on damp surfaces
- Sealing of joints between prefabricated concrete elements (cable and pipe penetrations/ducts) also in wet conditions
- Sealing of connections between steel girders and concrete floor slabs
- Sealing of uneven surfaces and concrete substrates
- Fixing of swelling tapes and injection hoses
- Sealing of distance tubes
- Sealing between sheet piles and concrete floor slabs

FEATURES AND BENEFITS

- Solvent-free
- Outstanding adhesion and filling characteristics ensure safe and reliable cavity filling even on damp and uneven surfaces
- Can be applied to concrete, PVC, HDPE, and steel
- Swells to up to approximately 200% of its original, dry state upon contact with water
- TREMstop Hydro Mastic is a very flexible sealant and adapts well to uneven/rough surfaces
- Simple application/handling in a cartridge
- Remains functional for the whole lifespan of the structure
- Excellent resistance to chemicals
- Resistant to mineral-oil products, mineral and vegetable oils and greases
- TREMstop Hydro Mastic is drinking water safe

PACKAGING

310ml Cartridges - 12 per box

COLOUR

White/Beige

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

- Do not apply in standing water and or rain.
- Do not allow Tremco Water-Stop to swell prior to concrete

SUBSTRATE PREPARATION FOR CONCRETE SURFACES

- Concrete shall be water-cured and attain a 20 MPa minimum compressive strength.
- All surfaces must be structurally sound, free of dirt, grease, oil, release agents and or other contaminants.
- Major surface imperfections, should be repaired with an appropriate repair mortar from Tremco's TREMcrete product range.
- Surfaces where TREMstop Hydro is to be installed should be trowelled smooth. Remove all loose debris and sweep the surface prior to installation.

METHOD OF APPLICATION

- Break the moisture proofing aluminium foil on the top of the cartridge and remove the seamer from the bottom.
- Screw on the nozzle and cut diagonally at the appropriate position.
- Place the cartridge into caulking gun.

TYPICAL PHYSICAL PERFORMANCE

PROPERTY	TYPICAL VALUES
Solids	100%
UNCURED	
Viscosity	Paste-like
Density at (20C)	Approx. 1,45kg/dm ³
Slump Inverticle Applications	< 5mm (average 3mm)
Hand Dry (@ 20°C and 60% RH)	10h
Flash Point	< 130°C
CURED (7 Days at 25°C and 10mm Thick)	
Elongation at Break	Approx. 625%
Tensile Strength	Approx. 22kg/m ³
Resistance to Hydrostatic Pressure	150m Water Column
Swelling Capacity in Contact with Water	Approx 200% of its original Dry Volume

COVERAGE RATE

(Approximate Linear Metres per 310ml Cartridge)

Nozzle Diameter	Length with 310ml Cartridge
3mm	20-25m
6mm	8-10m
8mm	4-5m
10mm	Approx. 3m

CLEAN UP

Excess sealant and smears adjacent to the joint interface can be carefully removed with Tremco Xylol before the sealant cures. Any utensils used for tooling can also be cleaned with Tremco Xylol, mineral spirits or white spirits. Clean hands with Acetone or other mild solvent then brushing with a stiff-bristle brush. Water will accelerate the curing of the TREMstop Hydro Mastic.

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.

CONTACT OUR TEAM

Tremco CPG Australia Pty Ltd
ABN: 25 000 024 064
Unit 12, 4 Southridge Street
Eastern Creek, NSW 2766

P: (02) 9638 2755

F: (02) 9638 2955

E: tremco@tremco.com.au