TREMCO
Construction Products Group

TREMseal Bandage

High Performance Joint and Crack Sealing System for Construction Joints, Expansion (Movement) Joints and Connection Joints or Cracks

PRODUCT DESCRIPTION

TREMseal Bandage is a TPE flexible sealing tape. It is a thin and extra-tough elastic strip with considerable longitudinal and lateral extension. Suitable for waterproofing appropriately designed construction joints, movement joints, connection joints and cracks. It offers excellent resistance to weathering, UV radiation and general chemicals.

USAGE/PURPOSE

TREMseal Bandage is ideal for use with Tremco's waterproofing membranes and coating systems in sealing expansion joints, primarily in:

- ❑ Water retention tanks (OSD, Fire Suppression)
- ❑ Tunnels
- ❑ Reservoirs
- ❑ Swimming Pools
- ❑ Sewage Treatment Tanks
- ❑ Deck Expansion Joints
- ❑ Bunded Areas

FEATURES & BENEFITS

- ❑ Green Star Compliant.
- ❑ Viable solution for joints that are not properly sized to use a traditional sealant bead.
- ❑ Fully encapsulated edges provide continuity in the waterproofing layer.
- ❑ Heat weldable.
- ❑ Easy to install.
- ❑ Tested to and complies with AS 4020:2018 - Testing of products for use in contact with drinking water. Consult Tremco Technical Services for further information.

PACKAGING

- ❑ TSB150X1: 150 mm (W) x 1 mm (D) x 25 m (L) Rolls
- ❑ TSB150X2: 150 mm (W) x 2 mm (D) x 25 m (L) Rolls
- ❑ TSB200X1: 200 mm (W) x 1 mm (D) x 25 m (L) Rolls
- ❑ TSB200X2: 200 mm (W) x 2 mm (D) x 25 m (L) Rolls



COLOURS

Grey

Note: Used in conjunction with Tremcoat EPA (Epoxy Adhesive)

SHELF LIFE

36 months when stored as recommended in original unopened packaging.

STORAGE

Store in a dry cool place in original unopened packaging between 5 and 30 °C.

LIMITATIONS

- ❑ Not suitable for direct traffic, a metal cover plate should be used to protect the TREMseal from abrasion or physical damage.
- ❑ Must be chemical anchored using TREMcoat EPA (Epoxy Paste Adhesive).
- ❑ Where hydrostatic pressure is present, provide compatible continuous support behind the bandage. Published water-pressure resistance must not be interpreted as a pressure rating for every installed joint configuration.

TYPICAL PHYSICAL PROPERTIES

TEST	STANDARD	UNIT	RESULT
Chemical Base of the Tape	Flexible TPE Based Polymer		
Surface Structure	Even or Textured Surface		
Tensile Strength Lateral	EN-ISO-527-3	Mpa	4.7
Tensile Strength Longitudinal	EN-ISO-527-3	Mpa	4.8
Maximum Tensile Elongation Lateral	EN-ISO-527-3	%	580
Maximum Tensile Elongation Longitudinal	EN-ISO-527-3	%	532
Tear Resistance Lateral	EN-ISO-527-2	N/mm^2	48
Tear Resistance Longitudinal	EN-ISO-527-3	N/mm^2	42
Shore	ISO 868	Shore A	70
Peel Strength	DIN 16860	N/10mm	>20
Colour	RAL 7040	Grey	
Water Pressure Strength	EN 1928	Bar	>5
Service Temperature	SIA V280/3+4	-	-30 °C +80 °C
Density		gr/cm^2	1.400

*Chemical Resistance: Contact Tremco CPG for chemical resistance guidelines.
Note: Published tensile and elongation values are material properties only and must not be interpreted as allowable working movement or cyclic movement capacity of the installed system.

- ❑ Do not calculate allowable joint movement directly from the total bandage width or published elongation values.
- ❑ Significant, cyclic, shear, vertical or combined movement requires project-specific assessment by Tremco Technical Services.
- ❑ Movement capacity must not be assumed to be identical for the 1 mm and 2 mm bandages.
- ❑ Non-standard joint configurations require written approval from Tremco Technical Services.
- ❑

SURFACE PREPARATION

Ensure all surface preparation is in agreement with the TREMcoat EPA product data sheet requirements.

MEMBRANE APPLICATION

- ❑ TREMseal Bandage may be installed flat or formed into a loop to provide additional movement accommodation. Loop size and configuration must be based on the anticipated joint movement and available installation space. The central movement zone must remain unbonded and free from TREMcoat EPA.
- ❑ Prepare substrate by mechanical means i.e. sandblasting, grinding etc.
- ❑ Remove residual dust etc. by vacuuming.
- ❑ Clean the TREMseal Bandage with a dry or wet cloth. Use water and no solvent for cleaning.
- ❑ Use masking strips to cover the joint.
- ❑ Mix TREMcoat EPA components A and B using a low speed (600 rpm) frill until a uniform colour and consistency has been achieved.
- ❑ Apply the TREMcoat EPA on the sides of the joint. Then remove the masking strip - Approximately 1 Litre/m^2/mm thick.
- ❑ Press the TREMseal Bandage without trapping air into the adhesive by using a suitable roller. The adhesive should be squeezed out on both sides by 5mm.
- ❑ Apply TREMcoat EPA on top of the TREMseal Bandage - Approximately 1 Litre/m^2/mm thick.
- ❑ Connect ends of TREMseal Bandage by hot air welding. Provide a minimum 50 mm overlap at bandage joints and hot-air weld in accordance with the approved procedure.
- ❑ Provide a minimum bonded and fully encapsulated anchorage width of 50 mm on each side of the unbonded movement zone. Reduced anchorage widths require written approval from Tremco Technical Services.

CLEAN UP

- ❑ Clean all adjacent areas to remove any stains or spills with Tremco Xylol.
- ❑ Clean tools or equipment with, Tremco Xylol before materials cure.
- ❑ Clean hands by soaking in hot, soapy water, then brushing with a stiff-bristle brush.

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