

PRODUCT DESCRIPTION

TREMflex 25FC is a one-component, fast curing, flexible fillet joint sealant for use in professional waterproofing applications.

USAGE/PURPOSE

TREMflex 25FC is ideally suited to, and forms part of Tremco's waterproofing system. TREMflex 25FC is designed for use as a fillet joint for movement junctions (wall to wall, wall to floor) in waterproofing installations.

FEATURES & BENEFITS

- High modulus, strong bonding and sealing performance.
- Excellent adhesion on a wide variety of substrates.
- Resistant to weathering, UV exposure and aging
- Joint movement accommodation +/-25%.
- Non-Sagging.
- Withstands exposure to water, seawater and mild chemicals.
- Resistance to cold: The sealant remains elastic even down to -40°C.

PACKAGING

600ml Sausages - 20 per box

COLOUR

Light Grey

SHELF LIFE/STORAGE

12 months when stored in original undamaged packaging in a clean, dry, protected location with temperatures between 5°C and 25°C.

SPECIFICATION CLAUSE

Joint Sealant is specified as a high modulus joint sealant +/-25 percent joint movement capabilities.

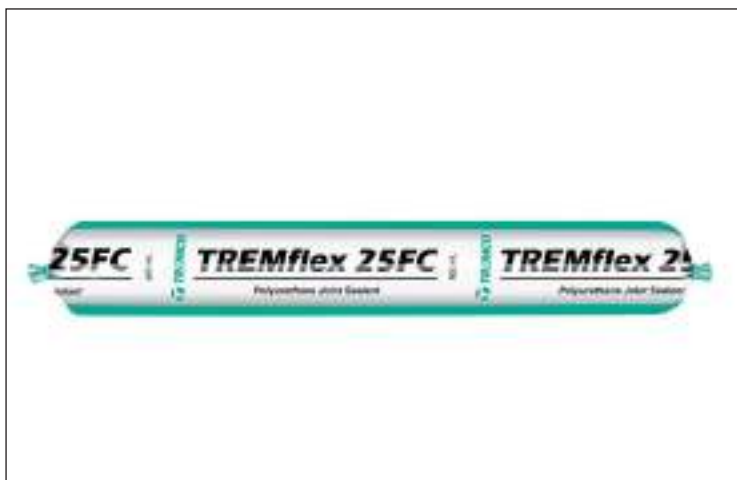
LIMITATIONS

TREMflex 25FC is not recommended for:

- Use on glass, natural rubbers such as EPDM, PVC or TPO.
- Use on bitumen will result in discolouration.
- Not suitable for continuous immersion in water or use in swimming pools.

SUBSTRATE PREPARATION

- All surfaces must be clean, dry, sound & free from dust, oil, rust or any other contamination.
- When used on remedial work all existing sealant must be removed.



- Non-Porous surfaces (e.g., Metal), should be sanded lightly and cleaned with Tremco Xylol. Solvent should be wiped from the surface with a clean, dry cloth.

PRIMING

TREMflex 25FC bonds tenaciously without the assistance of a primer, however some substrates will require primer to develop adhesion. In the event primer is needed, use the following:

- For Porous Substrates: Vulkem 171 Primer.
- For Non Porous Substrates: TREMprime Non-Porous Primer.

JOINT DESIGN CONSIDERATIONS

Joint width should be 4 times anticipated movement, but not less than 10mm wide.

SEALANT BACKING

Closed cell polyethylene backing rod is recommended for horizontal joints to provide correct joint depth to width ratio, as well we prevent 3 sided adhesion. Open cell backing rod is recommended for vertical installation to allow for faster curing.

METHOD OF APPLICATION

- Surface must be clean, dry & free from loose material.
- Slide the sealant into the applicator gun, cut off the very end of sealant packaging and fit the gun with the nozzle that has been cut to deliver the right bead size.
- Extrude the sealant into the joint, ensuring that no air is trapped in the joint.
- Tooling is recommended immediately after the application of sealant.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Sagging	ISO 7390	0mm
Hardness (Shore A)	DIN 53505 45	45 (23°C, after 28 days of curing at a relative humidity of 50%)
Elongation at Break	ISO37, DIN 53504	>600%
Joint Movement	ASTM C920	+/-25
Tack Free Time	N/A	45-75 min
Cure Rate	N/A	>3mm Per Day
Service Temperature	N/A	-40 to 80°C
Tensile Strength at Break	N/A	1.8MPa
Tear Strength	ISO34, DIN 53515	8N/mm
Min Joint Size	N/A	10mm

COVERAGE RATE

(Approximate Linear Metres per 600ml Sausage)

DEPTH	15mm	20mm	25mm
5mm	-	-	-
10mm	4M	3M	2.4M
15mm	-	-	1.6M

☐ FILLET JOINTS TRIANGULAR CROSS SECTION

6mm x 6mm = 33.33M

10mm x 10mm = 12M

CLEAN UP

Tooling is recommended immediately after application to ensure firm, intimate contact with the joint interface. Dry tooling is preferred. Cleaning can be accomplished with solvents such as Tremco Xylol while sealant is in an uncured state.

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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