

PRODUCT DESCRIPTION

TREMCO FYREthane® is a one component acrylic fire rated sealant which forms after curing a permanently flexible and durable weatherproof and fire rated seal.

USAGE/PURPOSE

FYREthane is used as a fire rated joint sealant. Consult Tremco for project specific advice prior to use.

FEATURES & BENEFITS

- ☐ No mixing required
- ☐ Water-based - easy to clean up
- ☐ Non toxic
- ☐ Excellent adhesion to common substrates

AVAILABLE SIZES

- ☐ 300ml
- ☐ 600ml
- ☐ 10L

COLOUR

- ☐ Grey

SHELF LIFE

12 months when stored in original, unopened containers

STORAGE

Store in original unopened packaging in dry conditions between +5°C and +25°C.

LIMITATIONS

FYREthane is not recommended for:

- ☐ Do not apply to damp or contaminated surfaces.
- ☐ UV exposed/ external joints
- ☐ Continuous water immersion.
- ☐ On surfaces or adjacent to materials which may exude oils, resins, plasticizers, tars or solvents that could have a deleterious effect on the adhesive bond.
- ☐ Sensitive porous substrates e.g. marble, architectural stone, etc. where the possibility of staining exists without prior testing and approval by Tremco.
- ☐ Joints subject to traffic or on surfaces that will contain ponding water.
- ☐ In totally confined spaces as the sealant requires atmospheric moisture to cure.

TYPICAL PHYSICAL PROPERTIES	
Tack Free Time	30 minutes @ 25°C
Tooling Time	15 minutes @ 25°C
Curing Time	4 days (minimum)
Specific Gravity	1.5
Movement Capacity	12.5%
Elongation	>300%

NOTE: Typical Properties should not be used as Specifications.

SURFACE PREPARATION:

- ☐ All surfaces must be clean, dry, sound & free from dust, oil, rust, release agents or any other contamination.

- ☐ FYREthane typically adheres tenaciously to common construction substrates. However, in line with best practice Tremco suggests that a field adhesion test be performed to ensure that satisfactory adhesion is achieved.

METHOD OF APPLICATION

- ☐ Slide the sealant into the applicator gun, cut off the very end of the sealant packaging and fit the gun with the nozzle that has been cut to deliver the right bead size.
- ☐ Extrude the Dymonic FC sealant into the joint, ensuring that no air is trapped in the joint.
- ☐ Fill the joint to the appropriate width:depth ratio, and tool to ensure intimate contact of sealant with joint walls.
- ☐ Tooling the sealant is recommended immediately after the application of the sealant.
- ☐ Dry tooling is always preferred.
- ☐ For a cleaner finish, mask the sides of the joint with tape prior to filling.

COVERAGE RATE

Depth	Width				
	5mm	10mm	15mm	20mm	25mm
5mm	24m	12m	-	-	-
10mm	-	-	4m	3m	2.4m
15mm	-	-	-	-	1.6m

CLEANING

- ☐ Uncured sealant may be cleaned off with clean water.
- ☐ Cured sealant can only be removed by abrasion.

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.