

ONE PART ACRYLIC FIRE RATED JOINT SEALANT

KEY BENEFITS SUMMARY

- No mixing required
- Does not require mineral wool or ceramic fibre backing
- Water-based - easy to clean up
- Non toxic
- Excellent adhesion to common substrates
- 12.5% movement capacity

STANDARDS

TREMCO FYREthane® meets the requirements of:

- AS 1530.4 - 1990
- AS 4072.1 - 1992

INDEPENDENT CERTIFICATION

- Warrington Test Reports

PRODUCT INFORMATION

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.

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USAGE/PURPOSE

For the fire rating of joints and gaps between*

- Concrete precast panels
- Hollow concrete block walls
- Lightweight concrete floors and walls
- Solid normal weight concrete floor and walls

For penetrations through wall and floors for*

- Copper
- Single and multiple PVC insulation PVC* Sheath Power Cables with copper conductors with and without cable trays.

*Please consult Usage Guidelines for details.

LIMITATIONS

TREMCO FYREthane® is not suited for:

- Fire rating purposes other than stated in this data sheet
- Permanent water immersion
- Trafficable joints

COLOUR

Grey

PACKAGING

- 300ml cartridges
- 600ml cartridges
- 10 Litre pail

TECHNICAL INFORMATION

CHARACTERISTICS

- SPECIFIC GRAVITY
1.5

PERFORMANCE (Typical Properties)

- TACKFREE TIME
30 minutes @ 25°C
- TOOLING TIME
15 minutes @ 25°C
- CURING TIME
4 days (minimum)
- MOVEMENT CAPACITY
12.5%
- ELONGATION
>300%

NOTE: Typical Properties should not be used as Specifications.



USAGE GUIDELINES

FIRE RATING JOINT SEALANT

Please see attached Summary Sheets

SURFACE PREPARATION

- Joint faces must be clean, dry and free from contamination.

PRIMING

- TREMCO FYREthane® does generally not require primer.

APPLICATION

- Use conventional sealant gun for dispensing the sealant.
- All beads should be tooled immediately to ensure firm, full contact with joint faces.

COVERAGE RATE

Coverage rate depends on joint configuration. As a general guideline, the following formula may be used -
joint width (mm) x joint depth (mm) = sealant coverage in ml per lineal metre.

CLEANING

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

HEALTH AND SAFETY PRECAUTION

Material Safety Data Sheet (MSDS) must be read and understood before use.

STORAGE

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

SHELF LIFE

12 months when stored as recommended.

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, contact your nearest TREMCO office.

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.