



FYREthane®

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 Description:

Tremco Fyrethane is a one component acrylic fire-rated sealant which after curing forms a permanently flexible and durable weatherproof and fire rated seal.

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* Sheathed 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 (on request)

Technical Information:

Characteristics:

Specific Gravity 1.5

Performance: (Typical Properties)

Tack free 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:

Surface Preparation:

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

Priming:

Tremco Fyrethane generally does not require a 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 usage in ml per lineal metre.

Cleaning:

Uncured sealant may be cleaned off with fresh 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.

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.

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