

# SG575 FR

Fire Resistant Silicone Sealant



## KEY BENEFITS SUMMARY

- Neutral cure silicone sealant.
- Seal ratio at 2:1.
- Excellent adhesion to many substrates.
- Movement accommodation factor: +/- 50%
- EN 1366-4 - up to 4 hrs Fire rating.

## PRODUCT INFORMATION

### Description

Tremco SG575 FR is a neutral cure fire resistant, elastomeric, neutral cure silicone sealant.

### Colour

Black, White, Grey.

### Packaging

600 ml sausage (20 per carton).

### Preparation

- Faces should be clean, dry and free from dust, oil, grease, old sealants and any traces of contamination which may affect adhesion. Any previously applied sealant must be mechanically removed.
- Apply masking tape to prevent contamination of adjacent surfaces.
- Depending on the substrate, IPA / MEK can be used for cleaning the substrates. Clean powder coated surfaces with cleaning solvent. Perform preliminary tests.

### Joint Backing

- Closed cell polyethylene is the recommended backing rod material. Care should be taken with open-cell polyurethane backing rods due to potential migration of materials or air entrapment.

### Usage / Purpose

Joints in compartment walls and floors, Gaps between frames and structures, at junctions of different materials.

### Priming

Excellent adhesion to concrete, glass, brick, ceramic, wood, steel, ACP, galvanized steel. Perform preliminary adhesion tests on critical and unknown surfaces

### Application

- Insert backing material, oversized to joint width to ensure stability, to provide correct depth of seal (Minimum 6 mm) - For double seals: Use PE Backing Rod.
- Cut nozzle of cartridge to required bead size
- Extrude the sealant into gap for required depth
- If masking tape has been used remove it right after smoothing.

### Cleaning

- For surfaces and tools that are contaminated by Tremco SG575 FR, we recommend IPA/MEK as cleaner. Totally cured material only can be removed mechanically.

### Health & Safety Precautions

- Safety data sheet must be read and understood before use

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## TECHNICAL PARAMETER

Physical Properties	Test Method	Result
Consistency	ASTM C639	Non-Sag
Tack Free Time @ 23°C / 50% RH, Minutes	ASTM C679	5
Peel Strength, N	ASTM C794	> 34
Elongation at break, %	ASTM D412	> 420
Movement capability, %	ASTM C719	±50
Application Temperature (°C)	-	+5 to +40
Storage	Store in shaded dry conditions between +5 °C and +25 °C.	
Shelf Life	12 months when stored as recommended in original unopened containers	

## Coverage

Joint dimensions (width × depth, mm)	Approx. Metres per 600 ml Sausage
6 × 6	16.7
8 × 6	12.5
10 × 8	7.5
15 × 10	4.0
20 × 12	2.5
25 × 15	1.6
30 × 15	1.3

## Overpainting

Like all silicone sealants, SG575 FR cannot be overpainted.

## Please Note

Contact with bituminous or tar containing surfaces can lead to discoloration. Application to natural stone substrates is recommended only after appropriate testing.