

Technical Data Sheet



# SELSIL THT – M1C FIRE STOP SEALANT



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### 1. Product Description

*Selsil THT – M1C Fire Stop super sealant is one component, acrylic emulsion based and specially formulated for being barrier against fire.*

### 2. Properties

- *Water based, contains no asbestos or fibres*
- *Easy application*
- *Short surface curing*
- *Paintable*
- *Good adhesion to concrete and masonry substrates*
- *Flexible*
- *Low Vocs*
- *More than 4 hours Fire resistance without using any backfilling material according to EN 1366-4 under certain conditions tested by APPLUS Laboratories.*

### 3. Technical Information

*Chemical Base: Acrylic based intumescent compound containing organic fillers*

*Color: White*

*Specific gravity: 1,56±0,03 g/cm<sup>3</sup>  
(DIN 53479)*

*Tack free time: 15-25 min.  
(25°C and 50% R.H)*

*Cure Rate: 2 mm/24 hour  
(25°C and 50% R.H)*

*Fire Rate Test: See Report No: 18-14847-115-1*

*Volume shrinkage %10-15*

*Tensile Strength at Break: ≥ 0,4 N/ mm<sup>2</sup> (ASTM D 412 C)*

*Elongation at Break: >100% (ASTM D 412 C)*

*VOCs: 0,02g/l*

*pH: 7,5 - 9*

### 4. Application Details

*Application Temperature: +5 °C to +35 °C*

*Temperature Resistance: +800 °C to +1000 °C*

*The application surface must be solid, clean, dry and free of dust, oil and Grease. Suitable for below applications;*

- *Precast panel joints*
- *Control joints in masonry blockwork*
- *Sealing around metal ducting/pipework etc.*

**Technical Data Sheet****5. Packaging**

*310ml x 25 per box*

**6. Shelf Life**

*Store the product in a cool and dry place.*

*The shelf life is 12 months at temperatures between +5°C and +25°C*

**7. Caution**

*Keep out of reach of children.*

*Avoid contact with skin and eyes. Use gloves before application*

*Keep out of freezing, direct sunlight and temperatures above 40°C*

**8. Health and Safety**

*For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.*