

FIRESAFE FT Acrylic

PRODUCT DESCRIPTION

FIRESAFE FT Acrylic is a heat-expanding, one-component acrylic-based joint sealant. FIRESAFE FT Acrylic expands two times volumetrically when the temperature reaches approx. 180°C.

AREAS OF APPLICATION

Fireproof sealing of large joints and openings; penetration sealing of individual cables and cable bundles. Single penetrations and bundles of plastic electrical cable conduits ≤ Ø 16 – 32 mm of PE or PVC-U plastics. Uninsulated pipes in pipes of type PE-X water pipes of plastics ≤ Ø32 mm and single PVC plastic pipes ≤ Ø 50 mm. Penetration sealing of insulated aluminium Alu-PEX pipe, insulated copper or steel pipe and smaller non-insulated steel or copper pipe.

FIRESAFE FT Acrylic is generally used for single installation penetrations with maximum opening ≤ 15 mm between installation penetrations and construction.

For openings ≥ 15 mm between installation penetrations and construction, or with multiple installation penetrations, use FIRESAFE FT Acrylic in combination with FIRESAFE FT Board or FIRESAFE GPG MORTAR. See the installation details on the following pages in this assembly manual or see also the assembly instructions for the FIRESAFE FT Board for details.

CERTIFICATION / FIRE RESISTANCE / ARTICLE -NR / EL- NO

- Ensure FIRESAFE FT Acrylic has been tested according to NS-EN 1366-3 (2009) and NS-EN 1366-4 (2009) and EN 13501-1 / 2.
- Certified according to ETA- 16/0094 - 16/0102.
- Fire resistance EI 30 to EI 240 with extensive applications for walls and floors.
- Fire-classified walls according to EN 1363-1: Plasterboard or masonry / cast construction (density 600 - 650 kg/m³) ≥ 100 mm.
- Fire classified floors according to EN 1363-1: Floors of masonry/ cast construction (density 600 - 650 kg/m³) ≥ 150 mm.
- Approved as smoke sealant according to EN 1634-3.
- For more details, see DoP / Declaration of Performance at www.firesafe.no.
- FIRESAFE Article No: 100 045 / EL No (NO): 12 178 07.

APPLICATION

- Ensure that any openings to be sealed with FIRESAFE FT Acrylic are free from dust and grease.
- Treat absorbent materials with water or primer first.
- Fill the opening with backing material (mineral wool, ceramic fibre, PE board or no backing) where necessary.
- Apply the sealant into the opening and ensure good adhesion to all surfaces.
- Smooth the sealant over the opening; if neat edges are desired, use masking tape.
- FIRESAFE FT Acrylic sealant can normally be painted over after 24 hours, but always check adhesion.
- FIRESAFE FT Acrylic must not be applied at temperatures lower than +5°C.
- Penetration sealing and sealing of joints is applied using a sealant gun and a standard sealant finishing tool.
- The tool should be cleaned with water.

PACKAGING

Plastic cartridge for standard sealant gun: contents 310 ml, supplied in boxes of 25 cartridges.

STORAGE/SHELF LIFE

Store in a dry place, between +5°C and +30°C. Best stored in a cool and dark place.

* Shelf life: about 12 months in unopened packaging. Must be stored in a frost-free environment.

SAFETY

The sealant is solvent-free and environmentally friendly. Not known to be an irritant in the event of contact with skin, but avoid contact with eyes or mouth. Keep children and animals away from unhardened sealant. See separate material safety data sheet for FIRESAFE FT Acrylic.



Colour: White
 Application temperature: +5°C – +30°C
 Drying time (appearance): 15 mins
 Drying time (hardened): 1 mm – 24 hours
 Flexibility: 12%
 Expansion when exposed to fire: 1:2
 Storage temperature: +5°C – +30°C