

FIRESAFE FT Acrylic

PRODUCT DESCRIPTION

FIRESAFE FT Acrylic is a heat-expanding, one-component acrylic-based joint sealant.

AREAS OF APPLICATION

Fireproof sealing of large joints and openings; penetration sealing of single cables and cable bundles. Single penetrations of plastic electrical cable conduits $\leq \varnothing$ 16 mm and single PVC plastic pipes $\leq \varnothing$ 50 mm. Penetration sealing of insulated aluminium PE-X pipe, insulated copper or steel pipe and smaller non-insulated steel or copper pipe.

The sealant can also be used for large openings in combination with FIRESAFE FT Board in rigid and flexible walls and floors. See the installation instructions for FIRESAFE FT Board for details.

FIRE RESISTANCE

- EI 30 up to EI 120 in accordance with NS-EN 1366-3 (2009), NS-EN 1366-4 (2009) and EN 13501-1/2.
- Extensive applications for walls and floors.
- Approved as a smoke sealant in accordance with EN 1634-3.
- For more information, see the DoP and installation instructions on www.firesafe.no.

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. Carefully follow the installation instructions. 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.

The 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. The sealant is applied using a sealant gun and a standard sealant finishing tool. The tool should be cleaned with water.

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Colour: White
 Application temperature: +5 °C – +30 °C
 Drying time (appearance): 15 mins
 Drying time (hardened): 1–24 hours
 Flexibility: 7%
 Expansion when exposed to fire: 1:2
 Storage temperature: +5 °C – +30 °C

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DRYING TIME

The following normative values apply at a temperature of at least +23 °C and a relative humidity of no more than 50%: Skin formation after about 15 minutes. Hardening time is about 24 hours per 1–2 mm, depending on the thickness of Acrylic applied.

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.