

Tangit FP 440

Fire Protection Sealant

intumescent single component sealant for fire-resistant and smoke tight closing of openings, gaps and joints

PROPERTIES

- Fire-resistant and smoke-tight up to EI90 / R90 / S90
- Fire resistance class B1/B2 acc. DIN4102
- Complies with EN1366-3, DIN 4102, MLAR 2005/LAR/RbALei, NEN 1366-3
- Intumescent when heated
- Simple, fast and clean handling
- Free of halogens and organic solvents
- Resistant to aging and rotting

TESTING AND APPROVAL

Complies with EN 1366-3, DIN 4102, MLAR2005/LAR/RbALei, NEN 1366-3
ABZ: Z-19.11-1777

APPLICATION SCOPE

For the fire-resistant and smoke-tight closing of joints (up to 50mm) between plasterboard false edges and plasterboard sheeting of ceiling constructions in combination with Tangit FP550 foam bulkheads.

In addition it can be used when single cables and pipes (combustible pipes up to ≤ 32 mm diameter, non-combustible pipes up to ≤ 160 mm diameter) are passed through walls/floors with a separating function as specified in the German MLAR guidelines for cables and piping installations of 17/1172005.

SURFACE PREPARATION

The surface must be solid, clean and free of dust, oil and grease. If surface is very dry then moisten with water.

APPLICATION

Cut off the top of cartridge cap above the thread, screw on the plastic nozzle. Load the cartridge in the conventional dispensing pistol and inject into the joint free of air bubbles.

Directly after application, smooth off the joint with the appropriate tool. The joint can be lightly sprayed with clean water.

Tangit FP440 should be used only in dry indoor areas.



FP 440

TECHNICAL INFORMATION

Material:	polymer dispersion with fire protection additives
Colour:	white
pH value:	pH 7.0 - 8.0
Solid matter content:	50 to 60%
Intumescence factor when heated:	40 times
Density:	approx. 1.25 g/cm ³
Skin formation time:	approx. 35 Min.
Hardness Shore A:	approx. 85
Max joint width:	35 mm
Application temperature:	+5°C to +40°C opt is +20°C to +25°C
Temperature stability:	-20°C to +50°C

PACKAGING

12 x 310 ml cartridges per carton

SHELF LIFE

Store the product in a cool and dry place. The shelf life is 24 months after the production date (see cartridge).

GENERAL INSTRUCTIONS

Health guidelines:

- Irritates eyes and skin
- Sensitisation is possible through skin contact

Safety hints:

- Keep out of reach of children
- Wear appropriate protective gloves and clothing when applying the product
- In case of an accident seek medical advice immediately (show the product label if possible)
- If swallowed, seek medical advice immediately and show the product label

IMPORTANT

- **Cleaning.**
Skin: in case of contact with the skin, rinse the coating off immediately with soap and water.
Textiles: fresh coating can be removed with soap and water. The hardened product can only be removed mechanically.
- **Instructions for disposal**
Squeeze out product. Hardened product residue can be disposed of with household waste.
Only completely empty cartridges are to be disposed of as recoverable materials.

Please Note:

The above information can only be of a general nature. Because of the various modes of processing and use being beyond our control and of the large variety of materials we recommend that sufficient tests always be carried out. No liability for particular results of application based on the information and instructions given in this leaflet can therefore be given. Warranty applies exclusively to the consistently high quality of our products in connection with our sales conditions.