

Tangit FP 450

Fire Protection Mastic

intumescent single component mastic for fire resistant cable penetrations in combination with Tangit FP550

PROPERTIES

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

TESTING AND APPROVAL

Complies with EN 1366-3, DIN 4102, NEN 1366-3
ABZ: Z-19.11-1793

APPLICATION SCOPE

Fire-resistant intumescent mastic for electrical cables (diameter $\leq 32\text{mm}$), cable bundles and cable trays in walls and ceilings.

Part of the Tangit Fire Protection System for electrical cable penetrations (in combination with FP 550 and FP 800).

SURFACE PREPARATION

The surface must be solid, clean, dry and free of dust, oil and grease.

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 apply a bead on and around the cables/cable bundles free of air bubbles.



FP 450

TECHNICAL INFORMATION

Material:	acrylic polymer dispersion with fire protection additives
Colour:	red-brown
pH value:	pH 7.0 - 8.0
Solid matter content:	approx. 80%
Intumescence factor when heated:	10 times
Density:	approx. 1.35 g/cm ³
Skin formation time:	approx. 7 Min.
Hardness Shore A:	approx. 45
Application temperature:	+5°C to +40°C opt is +20°C to +25°C
Temperature stability:	-20°C to +80°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:

- Harmful to health when inhaled
- Irritates the eyes, respiratory tract and skin
- Sensitisation is possible due to inhalation and contact with the skin

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.