

Tangit FP 550

2C Fire Protection Foam

2-component expansion foam for the fire resistant and smoke tight closing of bulkheads around pipes and cables

PROPERTIES

- Fire-resistant and smoke-tight up to EI90 / R90 / S90
- Tested according EN 1366-3
- Complies with DIN 4102, MLAR 2005/LAR/RbALei, NEN 1366-3
- Fire resistance class B1/B2 acc. DIN4102
- Self adjusting form filling for difficult penetrations and individual bulkhead sizes
- For large bulkheads up to 35 x 35cm (1.225cm²) as of 15cm thickness
- High yield of approx. 3.5 litres per cartridge
- Also for light partition walls as of 10 cm thickness
- Quick curing: final strength after approx. 20 minutes, can be cut after approx. 4 minutes
- additional thermal and acoustic protection
- hardening process not depending on humidity
- Simple, fast and clean handling
- Resistant to aging and rotting
- free of propellant

TESTING AND APPROVAL

Complies with EN 1366-3, DIN 4102, MLAR2005/LAR/RbALei, NEN 1366-3
ABP: P-NDS04-577

APPLICATION SCOPE

Installation of fire-resistant and smoke tight bulkheads around pipes (diameter ≤ 140mm), cables (diameter ≤ 32mm) cable bundles and cable trays. Also suitable for empty bulkheads up to 1.225cm²

SURFACE PREPARATION

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

APPLICATION

Remove the cap from cartridge and put the nozzle on. Insert the cartridge into the 2c foam pistol (Tangit FP520 or PP6). Then squeeze a small amount (a line of ±10cm) of Tangit FP 550 until it is properly mixed (a steady magenta colour). Foam hardens without moistening independent on humidity. The foam is cuttable after approx. 4 minutes. The cartridge can be reclosed with the cap after cleaning the opening. Additional nozzles (Tangit FP504) are available.



FP 550

TECHNICAL DATA

Material:	2-component polyurethane
Colour:	magenta
Tensile strength:	approx. 18 N/cm ²
Dimension stability:	≤ 2%
Pure density:	approx. 90-100 kg/m ³
Yield:	approx. 3.5 litres
Application temperature:	+10°C to +30°C opt is +20°C to +25°C
Minimum temperature:	surface +5°C cartridge +10°C
Temperature stability:	-40°C to +100°C

PACKAGING

6 x 300 ml cartridges per carton

SHELF LIFE

Store the product in a cool and dry place. The shelf life is 12 months after the production date (see cartridge).

GENERAL INSTRUCTIONS

Health guidelines:

- Harmful by inhalation
- Irritating to eyes, respiratory system and skin
- Skin contact and inhalation may lead to sensitization

Safety hints:

- Keep out of reach of children
- Do not breath vapour
- Wear suitable protective gloves and clothing
- In case of an accident or if you fell unwell, seek medical advice immediately (show the product label if possible)
- If swallowed, seek medical advice immediately and show the product label

IMPORTANT

- **Cleaning**
Skin: Fresh foam stains have to be removed immediately with vegetable oil.
Hardened product can only be removed from skin mechanically. Afterwards clean skin with soap and water and cream skin.
Textiles: Fresh foam stains can be removed with PU cleaner (e.g. Sista P897, Ceresit TS 36)
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.