

Tangit FP 800

Fire Protection Coating

FP 800

Dispersion based fire protection coating

PROPERTIES

- Intumescent when heated
- Tested according EN 1366-3 up to EI90
- Fire resistance class B1 acc. DIN 4102
- Complies with DIN 4102, MLAR 2005/LAR/RbALei, NEN 1366-3
- Free of halogens, heavy metals and organic solvents
- Easy to apply with soft brush
- Sprayable

TESTING AND APPROVAL

Complies with EN 1366-3, DIN 4102, MLAR2005/LAR/RbALei, NEN 1366-3
ABZ: Z-19.11-1357

APPLICATION SCOPE

For fire resistant and smoke tight closing of bulkheads around pipes and cables in walls and ceilings. Tangit FP 800 is obligatory part of all applications with Tangit FP 550.

SURFACE PREPARATION

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

APPLICATION

After applying Tangit FP550 and cutting of the excess foam, the foam surface has to be coated with Tangit FP800 at least 1,5 mm thickness. Let the coating also run over the foam surface by at least 3 cm.

For electrical applications the cables and cable trays have to be additionally covered with Tangit FP800 by at least 15cm. After approx. 1h the surface of Tangit FP800 is dry.



TECHNICAL INFORMATION

Material:	synthetic resin dispersion coating
Colour:	white
Viscosity:	approx. 40,000 mPa.s,
Density:	approx. 1.25 g/cm ³
pH value:	pH approx. 7.8
Solid material content:	approx. 66%
Application temperature:	+5°C to +40°C opt is +20°C to +25°C
Temperature stability:	-20°C to +50°C
Recommended min. layer thickness:	wet 1.5 to 1.7mm dry 1.0 to 1.2mm
Amount used at rec. layer thickness:	1.5 kg/m ²
Curing time:	dependent on temperature and relative humidity: touch dry within one hour at 23°C and 50%; completely cured after approx. 2 days.
Cleaning equipment:	water

PACKAGING

2 x 1kg PET canisters per carton

SHELF LIFE

Storage temperature +5 to +30°C. At the recommended storage temperature, the shelf life is at least 24 months after production date.

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**
Allow residual product to harden and dispose of as household waste or construction waste.
- **Applicability**
Tangit FP 800 loses its intumescent properties on contact with water. It is therefore recommended that this product should only be used in dry indoor areas.

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.

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