

# Tangit FP 800

## Fire Protection Coating

### PROPERTIES

- Sprayable and brushable intumescent coating
- creates a foaming protection layer when exposed to heat
- Corresponds to DIN 4102 and EN 1366
- Does not contain any halogens, heavy metals and organic solvents

### APPLICATION AREAS

For fire-resistant and smoke-proof sealing of pipes and cables and their combinations in walls and ceilings. The fire protection coating Tangit FP 800 is a mandatory system component in combination with the fire protection foam Tangit FP 550. Tangit FP 800 loses its intumescent properties in contact with water, so it should be used in dry rooms.

### PRETREATMENT

The substrate must be capable of bearing, clean and dry as well as free of dust, oil and grease.



### PROCESSING

#### General

After the filling of the bulkhead with Tangit FP 550, the excess foam can be cut with a knife after 4 minutes. Apply Tangit FP 800 using a brush with a wet film thickness of 1.5 mm (= 1 mm dry film)

The film must exceed the foam area by at least 3 cm. The coating is tack free after ca. 1 h. Notice the relevant technical approvals.

#### Cable sealings

The cables and trays must be coated with Tangit FP 800 at least 15 cm on both sides outside of the bulkhead.

## TECHNICAL DATA

### Raw material base

water-based dispersion, with intumescent agents, pigments and auxiliaries

Specific gravity	ca 1,30 kg/m <sup>3</sup>
pH	ca 8
viscosity mPas	ca. 40.000
solid content	ca. 66 %
required wet film thickness	1,5 mm
Consumption (1,5 mm film)	1,5 kg/m <sup>2</sup>
drying time	tack free after 1 hour, fully cured after 2 days
thinning and cleaning	water
recommended storage <b>must be protected from freezing</b>	5 – 30 °C,
shelf life (unopened container)	18 months

## SAFETY AND CLEANING

We recommend the use of protective gloves as a preventive measure to avoid skin contact. After contact with eyes, rinse thoroughly with water and consult a doctor.

**Skin:** Remove the paint immediately with water and soap.

**Textiles:** Remove the fresh paint immediately with water and detergents. Dried paint can be removed only mechanically.

The safety data sheet is available at <http://mymysds.henkel.com>.

Apart from the information given in this technical data sheet, it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable standards.

All data given were determined at an ambient and material temperature of +23°C and 50% relative humidity, unless otherwise stated. Please note that under other climatic conditions curing can be accelerated or delayed.

The above information, in particular recommendations for the handling and application of our products, is based on our professional knowledge and experience. As materials and conditions may vary depending on the intended application and are therefore beyond our control, we strongly recommend that sufficient tests be carried out in each case to verify the suitability of our products for the intended method and use. No liability can be accepted on the basis of the contents of this technical data sheet or verbal advice unless there is evidence of intent or gross negligence on our part.

This technical data sheet replaces all previous editions.

Henkel AG & Co. KGaA  
Henkelstr. 67, D-40589 Düsseldorf,  
Postfach, D-40191 Düsseldorf  
Tel. +49 (0) 211/ 797-0  
Internet: [www.tangit.de](http://www.tangit.de)