

PYRO-SAFE FLAMMOPLAST KS 1

Intumescent fire protection coating

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Product description

Fields of application

Intumescent fire protection coating on water-based dispersion for indoor use. Approved product for cable, pipe or combined penetration sealings as well as for joint seals and special components (concrete protection). Product is furthermore used as protective coating for cables and cable support structures in dry areas to prevent a fire spread caused by an external fire source.

Product features

Solvent-free and non halogen.

Fire rating of systems

Up to 2 hours

Applicability certificate

Tested and approved according to national and international standards as e.g.: DIN, IEC and FM, other standards on request

Pipes

Cables

Technical Data

Handling

- Material needs to be stirred well.
- The surface has to be dry, dust-free und free of grease.
- The application can take place with a brush, paint roller or an airless spraying machine.
- For spraying method (nozzle orifice > 0,019 inch = 0.48 mm): Mixing with max. 2 % amounts of water.

Ordering information

PE-pails of 12.5 kg and 15 kg.

Storage

Protect the product from frost!

Cool and dry (+5 °C up to +25 °C).

Safety instructions

Please refer to our MSDS (safety data sheet).

Technical data

Colour	white
Density (+ 20 °C)	1.20 - 1.37 g/cm ³
Viscosity (+ 20 °C)	8,000 - 12,500 mPas
Volatile content	< 140 g/l
Consumption	Dry film thickness: 500 µm ≈ Consumption: 1 kg/m ²
Drying time (at +23°C / 65% ± 3% rel. humidity)	Dust dry: min. 6 hours Re-workable: min. 8 hours Thoroughly dry: min. 4 days
Processing temperature	≥ +5 °C

Applied systems

- PYRO-SAFE Universal
- PYRO-SAFE Cable coating
- PYRO-SAFE Joint sealing