



Protect your values.

PYRO-SAFE® FLAMMOPLAST KS 1

Intumescent Fire Protection Coating

Description

Solvent-free and pH-neutral, halogen-free, white, aqueous, intumescent dispersion for indoor use.

Application Areas

- Coating for penetration sealing systems.
- Protective coating for cables and cable systems.
- Sealing of fire protection joints.



Delivery and Packaging

PYRO-SAFE® FLAMMOPLAST KS 1	
Packaging	Pail
Container size	12.5 kg
Item number	
	01151001

Please contact us for further information:

✉ global@svt.de

Orders: order@svt.de

☎ +49 4105-40 90-0



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Technical Data

Field of application	Dry indoor area		
Coating	White		
Density (+20 °C)	1.20–1.37 g/cm ³		
Viscosity (+20 °C) [mPas]	6 000–10 000		
Volatile Organic Compounds (VOC)	< 50 g/l (GS-11, Green Seal Standard)		
Solid matter (weight)	62 % – 72 %		
Reaction temperature	from approx. 250 °C		
Application temperature	min. + 5 °C		
Application instructions	<ul style="list-style-type: none">• Stir the product well before application.• The surface must be free of impurities and old coatings.• Can be applied by brush, roller or airless painting.• Application by spraying (nozzle orifice > 0.019 inch = 0.48 mm); stir with max. 2 % water addition.		
Drying time	Dust-dry:	min. 6 hours	at +23 °C and relative humidity 65 % ± 3 %
	Can be re-applied:	min. 8 hours	
	Dried through:	min. 4 days	
Storage	Protect from frost! Store in a cool and dry place (+5 °C to +30 °C). Can be stored for at least 18 months in sealed original containers.		
Safety information	Please observe the safety data sheet.		
Declaration of performance (DOP) no.	01151-PYRO-SAFE®-FLAMMOPLAST KS 1		



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Applications

Penetration seal

	Certification	System name	Fire resistance class
CE	ETA-19/0228	PYRO-SAFE® Flammoplast double layer	EI 120 acc. to EN 13501-2
		PYRO-SAFE® Flammotect 4-layer	max. EI 240 acc. to EN 13501-2
DIN	Z-19.53-2400	PYRO-SAFE® Universal penetration seal COMBI 90	Fire-resistant (90 min.)
	Z-19.53-2376	PYRO-SAFE® Universal penetration seal	Fire-resistant (90 min.)
	Z-19.15-1072	PYRO-SAFE® Universal penetration seal 30	Fire-retardant (30 min.)
	Z-19.15-1903	PYRO-SAFE® Universal-V	Fire-resistant (90 min.)
	Z-19.15-1806	PYRO-SAFE® Universal-ONE	Fire-resistant (90 min.)

Joint seals

	Certification	System name	Fire resistance class
CE	ETA-13/0543	PYRO-SAFE® Joint sealing FLAMMOPLAST	EI 120 acc. to EN 13501-2

Cable coatings

	Certification	System name	Fire resistance class
DNV·GL	Certificate no.: TAE00003BM IEC 60332-3-22 Cat.A, dry film thickness > 0.5 mm	PYRO-SAFE® Cable coating FLAMMOPLAST KS 1	x