

## 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

Technical Product Data Sheet Rev.: 21.12



## **PYRO-SAFE® FLAMMOPLAST KS 1**

## **Technical Data**

Field of application	Dry indoor area			
Coating	White			
Density (+20 °C)	1.20–1.37 g/cm <sup>3</sup>			
Viscosity (+20 °C) [mPas]	6000–10000			
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> <li>Stir the product well before application.</li> <li>The surface must be free of impurities and old coatings.</li> <li>Can be applied by brush, roller or airless painting.</li> <li>Application by spraying (nozzle orifice &gt; 0.019 inch = 0.48 mm); stir with max. 2 % water addition.</li> </ul>			
	Dust-dry:	min. 6 hours		
Drying time	Can be re-applied:	min. 8 hours	at +23 °C and relative humidity 65 % ± 3 %	
	Dried through:	min. 4 days	Totalivo Hamilally 00 70 ± 0 70	
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 norformance (DOD) no	. 01151-PYRO-SAFE®-FLAMMOPLAST KS 1			

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## **PYRO-SAFE® FLAMMOPLAST KS 1**

# **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

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