Protect your values.

PYRO-SAFE® FLAMMOTECT-A

Ablative Fire Protection Coating

Description

A fire protection coating – free of solvents and halogen – which can be used indoors and outdoors.

PYRO-SAFE® FLAMMOTECT A is resistant to moisture, freeze-thaw changes, UV radiation and various oils and chemicals.

Application Areas

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



Delivery and Packaging

PYRO-SAFE® FLAMMOTECT-A				
Packaging	pail		cartridge	hose
Container size	12.5 kg	15 kg	310 ml	600 ml
Item number				
Coating	01155101	01155105	-	-
Solid emulsion	01155106	01155107	-	-
Filler	01155104	01155109	01155125	01155120

Please contact us for further information:

global@svt.de Orders: order@svt.de

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Technical Data

Colour		white, other colours on request	
Density (at +20 °C)		1.34–1.48 g/cm³	
Volatile Organic Compounds (VOC)		< 50 g/l (GS-11, Green Seal Standard)	
Viscosity	**Coating**	6000–10 000 mPa·s	(Viscosity can be adjusted by adding water)
	Solid emulsion	25 000 – 40 000 mPa·s	
	Filler	paste-like	
Field of application	**Coating**	thin layer application quantities	
	Solid emulsion	thick layer application quantities	
	Filler	sealing of large openings and joints as well as for very thick layers	
Application instructions		Recommended application at temperatures from +5 °C to +30 °C and relative humidity of less than 85 %. Surfaces to be coated must be free of contamination and old coatings.	
Type of application	**Coating**	• brush or roller application, • airless sprayer (nozzle orifice > 0.019" = 0.48 mm)	
	Solid emulsion	• brush or spatula application, • airless sprayer (nozzle orifice > 0.019" = 0.48 mm)	
	Filler	spatula application.	
Usage category		Type X in acc. with EOTA TR024	

Example consumption	solid body (weight)	application quantity [g/m²]	film thickness [mm]	
			wet	dry
	66–86 %	1000	approx. 0.9	approx. 0.5
		2000	approx. 1.8	approx. 1.0
		3200	approx. 2.9	approx. 1.6
		4000	approx. 3.6	approx. 2.0

Drying times at +23 °C and 65 % relative humidity		dust-dry	can be coated over with itself	dried through
	Coating	min. 4 hrs.	min. 8 hrs.	min. 4 days
	Solid emulsion	min. 4 hrs.	min. 8 hrs.	min. 4 days
	Filler	min. 6 hrs.	-	min. 10 days
Storage		Protect from frost! Storage at room temperature (+5 °C to +30 °C). Can be stored for at least 18 months in the original sealed container with the option of an extension.		
Safety information		No hazardous material according to German Hazardous Substances Act (GefStoffV) and no hazardous material according to German Act on the Transport of Dangerous Goods (GGVS/ADR). For further safety instructions, please read the safety data sheet.		
Declaration of performance (DOP) no.		01155-PYRO-SAFE®-FLAMMOTECT-A		

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Applications

Penetration seal

	Certification	System name	Fire resistance class
CE	ETA-22/0052	PYRO-SAFE® Flammotect OSI	max. EI 120 in acc. with EN 13501-2
		PYRO-SAFE® ES	max. EI 90 in acc. with EN 13501-2
		PYRO-SAFE® Flammotect single layer	
		PYRO-SAFE® Flammotect double layer	max. EI 120 in acc. with EN 13501-2
		PYRO-SAFE® Flammotect quadruple layer	max. EI 240 in acc. with EN 13501-2
		PYRO-SAFE® Flammotect-ONE	max. EI 120 in acc. with EN 13501-2
	ETA-22/0053	PYRO-SAFE® CT	max. EI 120 in acc. with EN 13501-2
		PYRO-SAFE® CT ML	
CLASSIFIED C UL US	C-AJ-0156, C-AJ-1666, C-AJ-1680, C-AJ-1691, C-AJ-2812, C-AJ-2813, C-AJ-2832, C-AJ-2833, C-AJ-2834, C-AJ-4108, C-AJ-6049, C-AJ-8274, F-A-0036, F-A-1149, F-A-1150, F-A-1164, F-A-1165, F-A-1167, F-A-2278, F-A-2279, F-A-2280, F-A-2282, F-A-2290, F-A-2295, F-A-3062, F-A-3065, F-A-3070, F-A-4009, F-A-4016, F-A-4018, F-A-5060, F-A-5064, F-A-8041, F-A-8044, F-A-8046, W-J-0028, W-J-1262, W-J-1263, W-J-1284, W-J-1285, W-J-1287, W-J-1302, W-J-2325, W-J-2326, W-J-2328, W-J-2347, W-J-3225, W-J-3241, W-J-3264, W-J-4080, W-J-4089, W-J-4091, W-J-5188, W-J-5199, W-J-8062, W-J-8065, W-J-8067, W-J-8079, W-J-8080, W-J-8081, W-L-0054, W-L-1548, W-L-2684, W-L-2685, W-L-2687, W-L-2690, W-L-3443, W-L-4095, W-L-4096, W-L-4099, W-L-7273, W-L-7274, W-L-8111, W-L-8113, W-L-8114, W-L-8115	PYRO-SAFE® Flammotect double layer	FT-Rating max. 3 hrs. in acc. with UL 1479

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Applications

Penetration seal

	Certification	System name	Fire resistance class
GOST	by request		IET 90
DBN / DSTU	by request	PYRO-SAFE® Flammotect single-layer	EI 30 – EI 90
		PYRO-SAFE® Flammotect double-layer	EI 45 – EI 120

Joint seals

	Certification	System name	Fire resistance class
CE	ETA-18/0237	PYRO-SAFE® Joint seal FLAMMOTECT-A	max. EI 120 in acc. with EN 13501-2
CLASSIFIED C UL US	WW-S-0081, FF-S-0044, BW-S-0058, HW-S-0143, HW-S-0144, HW-S-0141, HW-S-0142	PYRO-SAFE® Joint seal FLAMMOTECT-A	Assembly Rating max. 3 hrs.

Cable coatings

	Certification	System name	Fire resistance class
DNV·GL	Certificate no.: TAE00002KF IEC 60332-3 Cat.A and IEC 60332-3-22 for 60 minutes, dry film thickness > 0.5 mm	PYRO-SAFE® Cable coating FLAMMOTECT-A	60 min.
FM APPROVED	FM Approvals - Certificate of Compliance Approval Id.: 3037058 Certified dry film thickness of 1.6 mm according to FM Approvals Class 3971	PYRO-SAFE® Cable coating FLAMMOTECT-A	–
GOST **DBN / DSTU**	by request	Fire protection coating PYRO-SAFE® FLAMMOTECT A for cables	–

Errors, misprints and changes reserved. All of the information corresponds to the state of technology and the version of the standard that existed at the time of printing (07.2023).
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