



Protect your values.

PYRO-SAFE® FLAMMOTECT-A

Ablative fire protection coating

Description

The solvent and halogen-free fire protection coating 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 packing

PYRO-SAFE® FLAMMOTECT-A				
Packing	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

Coating		White, other colours on request		
Density (at +20 °C)		1.34 - 1.48 g/cm ³		
Volatile Organic Compounds (VOC)		< 50 g/l (GS-11, Green Seal Standard)		
Viscosity	Coating	6,000 - 10,000 mPas	(Viscosity can be adjusted by adding water)	
	Solid emulsion	25,000 - 40,000 mPas		
	Filler	Paste-like		
Field of application	Coating	Thin layer application quantities		
	Solid emulsion	Thick layer application quantities		
	Filler	Sealing of large openings and joints, and 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 impurities and old coatings.		
Type of application	Coating	<ul style="list-style-type: none"> • Brush or roller application, • Airless sprayer (nozzle orifice > 0.019" = 0.48 mm) 		
	Solid emulsion	<ul style="list-style-type: none"> • Brush or spatula application, • Airless sprayer (nozzle orifice > 0.019" = 0.48 mm) 		
	Filler	Spatula application.		
Usage category		Type X acc. to EOTA TR024		
Example consumption	Solid body (weight)	Application quantity [g/m ²]	Layer thickness [mm]	
			Wet	Dry
	66 - 86 %	1,000	approx. 0.9	approx. 0.5
		2,000	approx. 1.8	approx. 1.0
		3,200	approx. 2.9	approx. 1.6
4,000		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 and shelf life		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). Further safety instructions can be found on 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
	ETA-14/0418	PYRO-SAFE® Flammotect OSI	max. EI 120 acc. to EN 13501-2
		PYRO-SAFE® ES	max. EI 90 acc. to EN 13501-2
		PYRO-SAFE® Flammotect single layer	
		PYRO-SAFE® Flammotect double layer	max. EI 120 acc. to EN 13501-2
	ETA-16/0016	PYRO-SAFE® Flammotect quadruple layer	max. EI 240 acc. to EN 13501-2
		PYRO-SAFE® CT	max. EI 120 acc. to EN 13501-2
	PYRO-SAFE® CT ML		
	Z-19.53-2329	PYRO-SAFE® Flammotect COMBI 90	Fire-resistant (90 min.)
	Z-19.53-2324	PYRO-SAFE® CT	
	Z-19.53-2296	PYRO-SAFE Flammotect 90	
	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. acc. to UL 1479





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Joint seals

	Certification	System name	Fire resistance class
	ETA-18/0237	PYRO-SAFE® Joint seal FLAMMOTECT-A	max. EI 120 acc. to EN 13501-2
	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
	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 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	-
	by request	Fire protection coating PYRO-SAFE® FLAMMOTECT A for cables	-