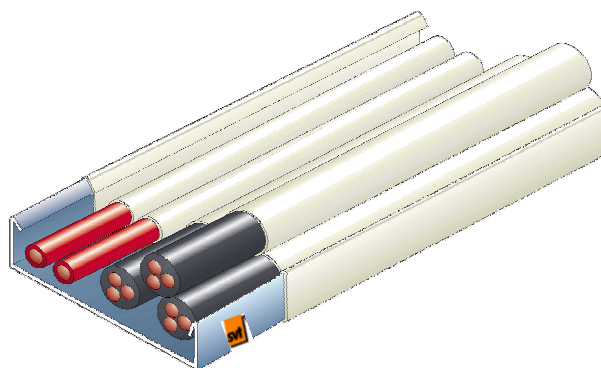
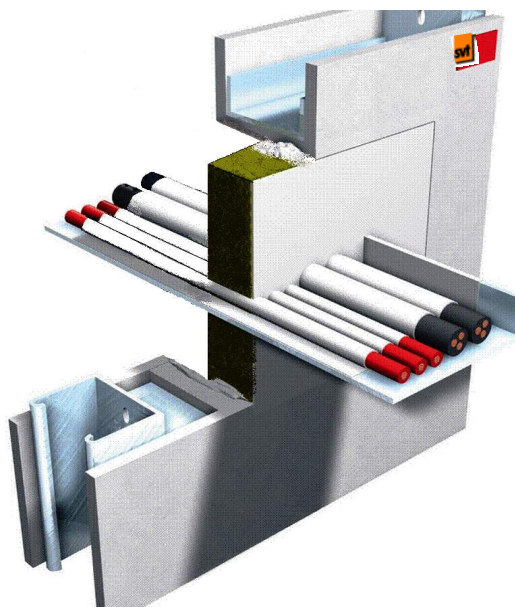




PYRO-SAFE Flammotect-A



YOUR ADVANTAGES:

- One fire retardant material for different application
- Decreases warehousing costs and simplifies procedure on site
- Resistant against various acids, oil, urea, (salt-)water, etc
- Highly flexible material and very good abrasion characteristics
 - Weatherproof – Inside and outside use possible
 - Applicable by airless spray gun or brush
- Contains no hazardous material such as solvents or lead
- Consumption of only 1 kg/m² according to requirements of IEC
- Increases process efficiency due to lower material consumption and faster application
- Fire rating of up to 4 hours in accordance with British Standard BS 476 & EN 13663-3
- Qualified to limit the spread of fire on cables lines for 60 minutes within one compartment





PYRO-SAFE FLAMMOTECT BULKHEAD

INSTITUT	TEST	CERTIFICATES	REMARKS
Bodycote Warringtonfire	BS 476-20	WF 156478-3	EI 240/180
	EN 1366-3		EI 120
	EN 1366-3	WF 171883	EI 60 R 240
DIBt	DIN 4102-9	Z.-19.15-1334	EI 90
IBS	ÖNORM B 3800 Part 2 & 3 ÖNORM B 3836	12859/4	EI 90
VKF AEA I	DIN 4102-9	Z 13984; Z 13986-13988; Z 12867-12870; Z 16384-16386	EI 60 EI 90
ITB	PN-B-02876	AT-15-4088/2003	EI 120 EI 60
WNIPO	NPB 237-97	SSPB.DE.UP001.W06902	EI 90
Germanischer Lloyd (GL)	Shock-tightness test	14350 HH	no leakage

PYRO-SAFE FLAMMOTECT-A COATING

INSTITUT	TEST	CERTIFICATES	REMARKS
Germanischer Lloyd	CEI IEC 60332-3-22 Cat. A EN 50266-2-2 Cat. A DIN EN 50266-2-2 VDE 0482 Part 266-2-2	Type Approval Certificate No.13798-99HH incl.	Tested for 60 minutes with dryfilm thickness of only 0.5 mm Incl. Solas Consolidated Edt. 1992, Chapt.II-1, Reg.45, 5.2
Det Norske Veritas (DNV)	IEC 60332-3 Cat.A IEC 60332-3-22 Cat.A	Type Approval Certificate No.E-7635 incl. Solas 1974	Tested for 60 minutes with dryfilm thickness of only 0.5 mm
Bayer Industry Services	IEC 60332-3 Cat. A	Test Report No. 05/406	Tested for 60 minutes
	IEC 60332-3 Cat. A	Test Report No. 05/306	Comparison test with <u>un</u> protected cables.
DIBt	DIN 4102-B2	Approval No. Z-19.11-1324	Only German approval body for construction (official authority)
MPA NRW	DIN 4102 Part 1 DIN EN ISO 11925-2 DIN EN 13501-1 Cat.K	Test Certificate No. 230006109-1	No change of fire behaviour after weathering
Elektr. Prüfam t München	Heat Conduction of coated and uncoated cables	Test Report 00541	De facto no difference between coated and uncoated cable
IBS Linz	ÖNORM B 3800 Part 2 & 4 ÖNORM B 3836	Assessment No. 12859/3	
WNIPO, Moscow	NPB 238-97	Fire Protection Certificate No.SSPB.DE.UP001.W06903	In accordance with Russian national standard
National committee for Standardisation Ukraine	GOST 12.2.007-14-75 Part3 GOST 12176-89	Certificate No. UA 1.016.0076974-05	
Fire Insures Laboratories of Korea (FILK)	Fire Protection Coatings for Cable	Test Certificate No. R2-2008-01	PYRO-SAFE Flamotect-A is suitable as cable coating
Ministry of Public Safety China - Official Certification Rodv	GA 181-1998	Certificate No.073053540332ROM Test Certificate No. 2005-0728	PYRO-SAFE Flamotect-A is in accordance with Chinese national standard

