

PYRO-SAFE® FLAMMOTECT-A

Fire Protection Coating

Description

PYRO-SAFE® FLAMMOTECT-A is a water-based, ablative fire protection coating, which can be used for surface protection, e.g. for battery cases or other surfaces requiring cooling in case of fire.



Areas of Application

- Cable management
- Surface protection
- On request

Delivery and Packaging

PYRO-SAFE® FLAMMOTECT-A				
Packaging	Pail		Cartridge	Foil tube
Size	12,5 kg	15 kg	310 ml	600 ml
Article number				
Coating	01155101	01155105	-	-
Solid emulsion	01155106	01155107	-	-
Filler	01155104	01155109	01155125	01155120

PYRO-SAFE® FLAMMOTECT-A

Technical Data

Colour	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	6000–10 000 mPa·s				
	Solid emulsion	25 000–40 000 mPa·s	(Viscosity can be adjusted by adding water)			
	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 at a relative humidity of less than 85 %. Processing at higher temperatures is generally permissible, but may lead to changes in processing properties. 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				
Use category	Type X in acc. with EOTA TR024					
Example consumption Surface coating (coating, solid emulsion)	66–86 %	solid body (weight)	application quantity [g/m ²]	film thickness [mm]		
				wet dry		
			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					
	Coating	min. 4 hrs.	can be coated over with itself	dried through		
	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). For further safety instructions, please read the safety data sheet.					