AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

PYRO-SAFE ® B CX 1100 - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

Aodisi Fire Technology (Langfang) Co., Ltd.

销售及选型联系 / Sales & product enquiries

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以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

PYRO-SAFE® B CX 1100

Fire Protection Coating

Description

PYRO-SAFE® B CX 1100 is a water-based, ablative fire protection coating that can be used in the areas of surface protection, e.g. for battery housings or other surfaces to be cooled.



Areas of Application

- module & system level
- storage & transport
- on request

Delivery and Packaging

PYRO-SAFE® B CX 1100		
Packaging	Pail	Cartridge (Filler)
Size	15 kg	310 ml
Number of pieces	32 pcs./pallet	
Weight	ca. 480 kg	
Article number		
Coating	31155105	-
Solid emulsion	31155107	-
Filler	-	31155125

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PYRO-SAFE® B CX 1100

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 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)	solid body (weight)	application quantity [g/m²]	film thickness [mm] wet	film thickness [mm] 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

		dust-dry	can be coated over with itself	dried through
Drying times at +23 °C and 65 % relative humidity	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). For further safety instructions, please read the safety data sheet.		