AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

PYRO-SAFE ® B CX 2200 - 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 2200

Fire Protection Coating

Description

PYRO-SAFE® B CX 2200 is a 2-component polyurethane-based material. It is particularly suitable for external use. The intumescent material is characterised by its high resistance to climatic as well as mechanical influences.



Areas of Application

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

Delivery and Packaging

PYRO-SAFE® B CX 2200					
Packaging	Two-component tin	Component A (resin)		Component B (hardener)	
		Pail	Barrel	Pail	
Size	1 kg	20 kg	200 kg	2,5 kg	20 kg
				Auf Anfrage	
Number of pieces	Auf Anfrage	20 Stk. / Palette	-	224 Stk. / Palette	20 Stk. / Palette
Weight		400 kg	-	560 kg	400 kg
Article number					
	3146121	3146120	3146122	3146118	3146119

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PYRO-SAFE® B CX 2200

Technical Data

	Component A (resin)		Component B (hardener)	
Colour	grey, orange, others on request			
Density (+20 °C)	1.32–1.36 kg/dm³		1.22–1.24 kg/dm³	
Thermal conductivity	approx. 1.0 W/(m·K)			
Expansion rate	15–25 times			
Expansion pressure	0.5–1.0 N/mm²			
Viscosity	approx. 25.000 mPa·s (at +50 °C)		approx. 100 mPa·s (at +20 °C)	
Mixing ratio (wt %)	100 parts		12.5 parts	
Mixing ratio (vol %)	100 parts		13.5 parts	
Application (min. +5 °C/< 85 % relative humidity)	It is recommended to temper component A to +50 °C. Stir component A well before application. Mix components A and B very well in the exact weight ratio. Application is preferably carried out using the airless method (nozzle orifice: >0.051 inch). Other application methods such as compressed air (nozzle orifice 4 mm), brushing and rolling are possible with the addition of solvents. Ethyl acetate or xylene may be added to component A.			
Pot life	approx. 10 minutes (both components +20 °C) approx. 8 minutes (component A tempered to +50 °C)			
Curing time (+20 °C)	resistant < 24 hrs			
Temperature resistance (operation)	-25 °C to +60 °C			
Example consumption	solids (wt.)	application quantity [g/m²]	layer thickness [µm]	
			wet	dry*
	100 %	1320 g/m²	1000 µm	1000 µm
	The required dry film thickness varies depending on the fire protection requirements and fire protection properties of the structures to be protected. Splash losses are not taken into account.			
Cleaning	Clean immediately with diluting agent.			

Storage	+5 °C to +35 °C	+10 °C to +30 °C	
	18 months in sealed original container	9 months in sealed original container	
	For two-component tins: 9 months in sealed original container		
Safety information	No hazardous material/dangerous goods	Hazardous substance according to the German Ordinance on Hazardous Substances (GefStoffV) but not a dangerous good according to the German Ordinance on Dangerous Goods (GGVS/ADR)	
	Consult the EC safety data sheet for further information.		