

## 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. This intumescent material is characterised by its high resistance to climatic as well as mechanical influences.

#### Application Areas

- Module & system level
- Storage & transport
- On request



#### Delivery and Packaging

PYRO-SAFE® B CX 2200					
	Component A (resin)		Component B (hardener)		
Packaging	Combination tin	Pail	Pail		Cartridge
Container size	1 kg	20 kg	2.5 kg	20 kg	200 ml
Number of pieces	On request	20pcs. /pallet	224 pcs./pallet	20pcs. /pallet	13 pcs./box.
Weight		400 kg	560 kg	400 kg	
Article Number	on request	on request	on request	on request	on request

Please contact us for further information:

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## PYRO-SAFE® B CX 2200

### Technical Data

	Component A (resin)	Component B (hardener)		
<b>Colour</b>	Grey, orange, others on request			
<b>Density (+20°C)</b>	1.32 – 1.36 kg/m <sup>3</sup>	1.22 – 1.24 kg/m <sup>3</sup>		
<b>Thermal conductivity</b>	approx. 1.0 W/(m*K)			
<b>Viscosity</b>	approx. 25.000 mPas (at +50°C)	approx. 100 mPas (at +20°C)		
<b>Mixing ratio (wt%)</b>	100 parts	12.5 parts		
<b>Mixing ratio (vol%)</b>	100 parts	13.5 parts		
<b>Application (min. +5°C/&lt; 85 % relative humidity)</b>	<p>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: &gt;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.</p>			
<b>Pot life</b>	<p>approx. 10 minutes (both components +20°C) approx. 8 minutes (component A tempered to +50°C)</p>			
<b>Curing time (+20°C)</b>	Resistant < 24 hrs			
<b>Temperature resistance (Operation)</b>	-25°C to +60°C			
<b>Example consumption</b>	Solids (wt.)	Application quantity [g/m <sup>2</sup> ]	Layer thickness [µm]	
	100 %	1,320 g/m <sup>2</sup>	Wet	Dry*
	<p>*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!</p>			
<b>Cleaning</b>	Immediately with dilution			
<b>Storage</b>	+5°C to +35°C		+10°C to +30°C	
	18 months in sealed original container		9 months in sealed original container	
<b>Safety information</b>	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)	
	Safety information can be found in the EC safety data sheet.			

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