



PYRO-SAFE® B CX 1200

Fire Protection Coating

Description

PYRO-SAFE® B CX 1200 is a water-based intumescent fire protection coating for interior use with a VOC content well below the lowest limit of 50 g/L set by GS-11 (Green Seal Standard, edition 3.1/2013).

Application Areas

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



Delivery and Packaging

PYRO-SAFE® B CX 1200			
Packaging	Pail		
Container size	3 kg	5 kg	12.5 kg
	On request		
Number of pieces	60 pcs./pallet		40 pcs./pallet
Weight	180 kg	300 kg	500 kg
Article Number			
	on request	on request	on request

Please contact us for further information:

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PYRO-SAFE® B CX 1200

Technical Data

Colour	anthracite, on request			
Density (+20°C)	1,080 - 1,320 g/cm ³			
Viscosity (+20°C)	6,000 - 10,000 mPas (at +20°C) (thixotropic)			
Temperature resistance	-20°C to +80°C (tested 40 days without mechanical stress)			
Reaction temperature	150°C			
Volatile components (VOC)	The VOC content is well below the smallest limit of 50 g/L set by GS-11 (Green Seal Standard, issue 3.1/2013).			
Application temperature	+5°C to +30°C			
Application (min. +5°C / < 85 % relative humidity)	Application is preferably by airless (nozzle orifice ≥ 0.051 inch = 1.3 mm) or compressed air painting (nozzle orifice ≥ 3.5 to ≤ 4 mm) at temperatures ≥ 5°C and ≤ 85 % relative humidity. PYRO-SAFE® B CX 1200 can be adjusted with water to the preferred processing viscosity.			
Drying time	Ambient conditions		Wet film thickness 500 µm Can be painted over with itself	
	+25°C/35 % relative humidity		after approx. 30 min	
	+80°C/35 % relative humidity		after approx. 10 min	
Example consumption	Solids (wt.)	Application quantity [g/m ²]	Layer thickness [µm]	
			Wet	Dry*
	65 - 75 %	500 g/m ²	550 µm	300 µm
1,000 g/m ²		1,100 µm	600 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!				
Storage	At room temperature (+5°C to +30°C), exceeding the ambient temperature by up to 10°C < 12 hours is unproblematic. Protect from frost. 18 months in sealed original container.			
Safety information	PYRO-SAFE® B CX 1200 is not a hazardous substance according to the German Ordinance on Hazardous Substances (GefStoffV) and not a dangerous good according to the German Ordinance on Dangerous Goods (GGVS/ADR). Further information can be found in the safety data sheet.			