AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

PYRO-SAFE ® B SX 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 SX 2200

High-density intumescent construction material

Description

PYRO-SAFE® B SX 2200 is a high-density, intumescent building material. The product has a leak tightness class of 7 according to VDI 2083-19.



Areas of Application

- Rail vehicles
- On request

Delivery and Packaging

PYRO-SAFE® B SX 2200		According to approval Z-19.11-1934
Packaging	Can	Pail
Size	1 kg	20 kg
Article Number		
	3146345	3146346

PYRO-SAFE® B SX 2200

Technical Data

Colour	Black		
Viscosity [mPa·s]	30 000–50 000 (Resin)	ca. 100 (Hardener)	20 000–35 000 (Mixture)
Density	1,55 +/-0,01 g/cm³ (Resin)	1,22 +/- 0,02 g/cm³ (Hardener)	1,52 +/-0,02 g/cm³ (Mixture)
Pot life [min]	8:00–16:00		
Reaction temperature [°C]	approx. 160		
Temperature resistance [°C]			
Mechanical resistance	after 24 h at room temperature		
Mixing ratio (wt.-% / vol.-%)	100:10 (Resin/Hardener)		
Airtightness according to VDI 2083-19	Air tightness class 7		
Mass per unit area [kg/m²]	7,40 ± 0,75 (Sample thickness: 5 mm)		
Expansion factor	2.5 to 4.5 (tested at 450 °C for 30 minutes without weight load on 5 mm thick specimens)		
Expansion pressure [N/mm²]	0.20 to 0.65 (tested at 300 °C, method A, on 5 mm thick specimens)		
Shore hardness (DIN 53505)	85–95		
Processing notes	PYRO-SAFE® B SX 2200 must not be exposed to direct weathering such as driving rain, freeze-thaw cycles, or UV radiation.		

Storage	Store the can at +10 to +30 °C.
Safety instructions	For further information, refer to the safety data sheet.