AODISI

FIRE TECHNOLOGY

# 产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

## PYRO-SAFE ® B F 2200 - Technical Data Sheet-en


澳迪斯防火科技（廊坊）有限公司

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销售及选型联系 / Sales & product enquiries

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www.gmfireproof.com


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.

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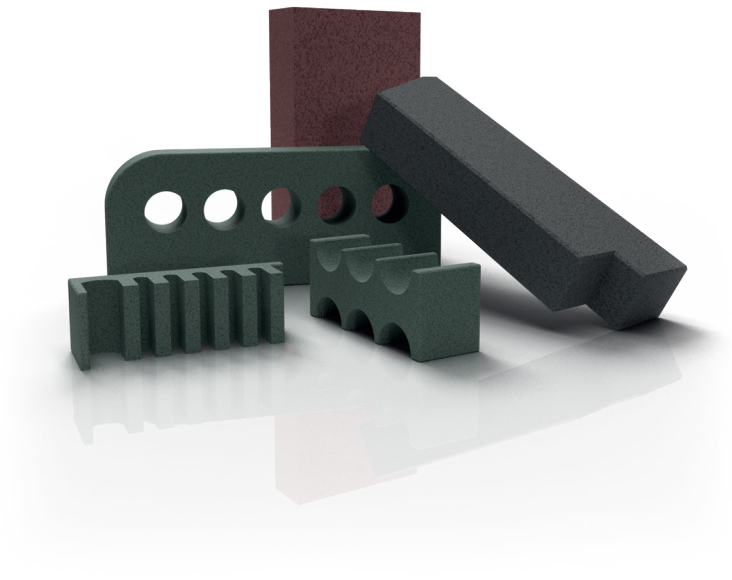
# PYRO-SAFE® B F 2200

## Fire Protection Foam

### Description

PYRO-SAFE® B F 2200 is a permanently elastic to hard polyurethane foam with an intumescent effect.

It is used as a necessary component for fire protection and forms a heat-insulating carbon foam in the case of fire, filling joints, gaps and other openings and preventing the passage of heat.



### Areas of Application

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

### Delivery and Packaging

| PYRO-SAFE® B F 2200 | |
|---|---|
| | shaped parts |
| **Container size** | depending on the dimensioning of the shaped parts and the customer's request |

# PYRO-SAFE® B F 2200

## Technical Data

| | |
|---|---|
| Colour | green, on request |
| Density (+20 °C) | Standard ca. 250 kg/m³<br>adjustable on request from approx. 185–750 kg/m³ |
| Thermal conductivity | 0.062–0.067 W/(m·K) |
| Application temperature | -51 °C to +60 °C |
| Tensile strength (DIN 53571-86) | 140–200 kPa |
| Elongation at break (DIN 53571-86) | 50–80 % |
| Airborne sound insulation value R'W 22 cm | 42 dB |
| Airborne sound insulation R'W 2 × 6 cm with air gap 30 cm | 43 dB |
| Application instructions | PYRO-SAFE® B F 2200 must not be exposed to direct weather influences such as driving rain, freeze-thaw cycles or UV radiation.<br>If the building material is to be exposed to special stresses, such as the constant effect of chemicals or aerosols, additional verifications are required. |
| Expansion pressure / expansion factor | expanding from approx. 180 °C, 2 to 4-fold expansion factor (at 550 °C over 30 min) with low expansion pressure (< 0.1 N/mm²) |

| | |
|---|---|
| Storage | Protect from moisture and direct sunlight. |