#### **Technical Data Sheet**



# PYRO-SAFE® B F 2200

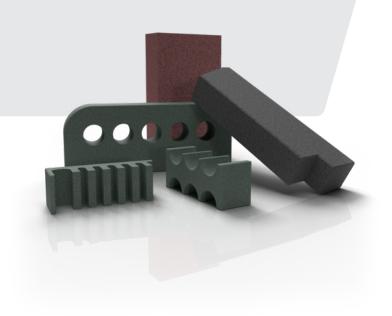
#### **Fire Protection Foam**

#### 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.

#### **Application Areas**

- 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 |

Please contact us for further information:

+49 4105-40 90-14



# PYRO-SAFE® B F 2200

### **Technical Data**

| Colour   | green, on request   |
|--|---|
| Density (+20 °C)   | Standard ca. 250 kg/m³ 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<br>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.  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.  |

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