AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

FLAMMADUR F 500 - 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

19931333348

492048031@qq.com

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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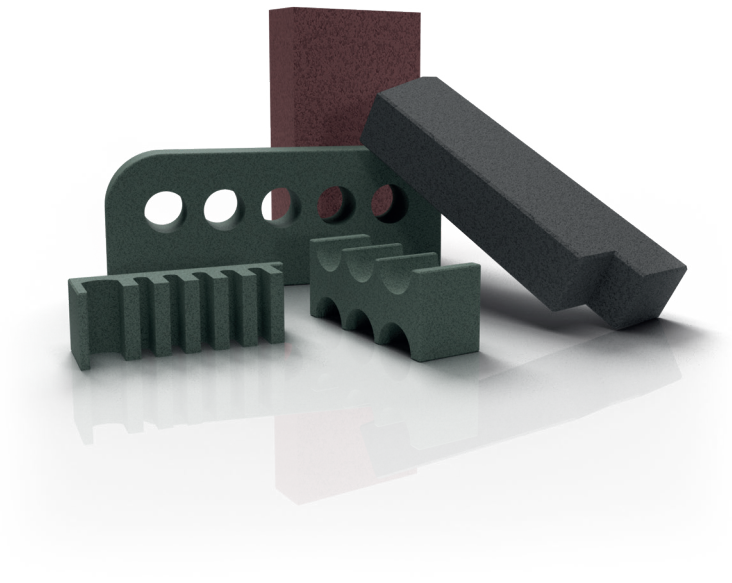
FLAMMADUR® F 500

Fire Protection Foam

Description

FLAMMADUR® F 500 is an elastic to hard polyurethane foam with intumescent properties.

It is used as a component for fire protection, develops a thermally insulating layer of carbon foam in case of fire, fills joints, gaps and other openings and prevents heat transmission.



Areas of Application

- indoor applications
- cable management
- on request

Delivery and Packaging

FLAMMADUR® F 500	
	Shaped parts
Size	Depending on part measurements and customer request.
Article number	
	Shaped parts have varying article numbers depending on customer requests.

FLAMMADUR® F 500

Technical Data

Colour	green, on request
Density (+20 °C)	standard approx. 250 kg/m³, on request adjustable from approx.185–750 kg/m³
Thermal conductivity	0.062–0.067 W/(m·K)
Processing temperature	-51 °C to +60 °C
Tensile strength (DIN 53571-86)	140–200 kPa
Elongation at break (DIN 53571-86)	50–80 %
Airborne sound reduction index R'W 22 cm	42 dB
Airborne sound reduction index R'W 2 × 6 cm with an air gap of 30 cm	43 dB
Processing information	FLAMMADUR® F 500 may not be directly exposed to atmospheric conditions such as driving rain, freeze-thaw attacks or UV radiation. When subjecting the material to particular stress such as continuous exposure to chemicals or aerosols, additional certificates are required.
Expansion pressure / expansion rate	Expansion start from approx. 180 °C; expansion rate 2 to 4 times (at 550 °C over 30 min) with low expansion pressure (< 0,1 N/mm²).

Storage	Protect from humidity and avoid exposure to direct sunlight.