AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

ROKU ® Fil PL 1200 - 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

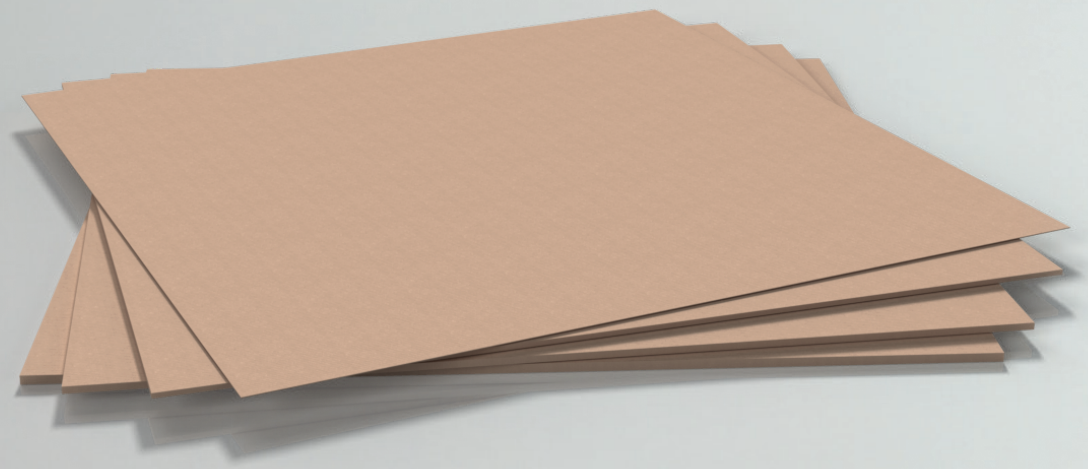
www.gmfireproof.com

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.

Technical Product Data Sheet

ROKU® Fil PL 1200



kuhnodice

Tech.Rev.: 1.1
Ling. Rev.: 1.0

Product description

ROKU® Fil PL 1200 is a high-quality fire protection panel designed especially for challenging construction projects. It is made from natural aluminium and calcium silicates and offers outstanding fire protection properties. The material is fibre-free and has no hazardous effects on health, which ensures safe application.

With resistance to heats of up to 1100 °C, the ROKU® Fil PL 1200 offers reliable protection if fires occur.

The board is available in standard dimensions of 1250 × 1000 mm and is easy to cut to your desired sizes. It is ideal for providing insulation and fire protection in various applications, including cladding steel structures, insulating ventilation systems and providing penetration seals in fire protection walls and ceilings.

It is simple to work with and can be adapted and installed with ease using conventional tools such as saws and cutting devices.

Reaction to fire

- Class B1 (DIN 4102-1)

Properties

- High heat resistance
- Fibre-free
- Durable and stable
- Reliable fire protection
- Wide variety of uses
- Easy to apply

Fields of application

- Cladding of steel structures
- For surface insulation in fire protection doors
- As moulded parts in sub-sections of fire protection doors that are particularly at risk, such as lock sections.
- Tubular frames
- Glazing block for fire-rated glazing systems

Technical data

Verification	abP P-3906-4429-MPA-BS: 03 December 2019
Composition	Insulation board made from aluminium and calcium silicates, strengthened with organic binding agents
Material structure	Solid board material
Volatile components (VOC) [g/l]	None
Temperature stability [°C]	1100
Thermal conductivity [W/(m×K)]	0.12
Bulk density [kg/m³]	960 (±10 %)
Moisture content (mass percentage) [%]	3
Storage	Store in a dry place between -20 °C and +50 °C. Do not expose to outdoor weather conditions or long periods of high humidity. Stack a maximum of three pallets on top of each other.

Processing information

1. Surface preparation:
   - The surfaces to which the material is to be attached must be clean, dry and free from dust, grease and oil to ensure optimum adhesion.
2. Application temperature:
   - Ideally, the product should be applied at ambient temperatures between +5 °C and +35 °C to maintain the material properties.
3. Application:
   - The material can be attached mechanically or using suitable adhesives. When attaching mechanically, take the board thickness and material properties into account to ensure stability.
4. Avoid dust:
   - While working with the product, avoid dust and ensure that the work area is well ventilated.
5. Safety notes:
   - When working with the product, wear suitable protective equipment such as dust masks and gloves to minimise contact with dust.

Delivery forms

Dimensions (L × W) [mm]	1250 × 1000 (±10 %)
Standard thicknesses [mm]	1 – 6 / 8, 10 or multi-layered (±10 %)

All cuts (length × width) are produced in accordance with the general tolerance DIN ISO 2768-1-c.