AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

ROKU ® S 1100 - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

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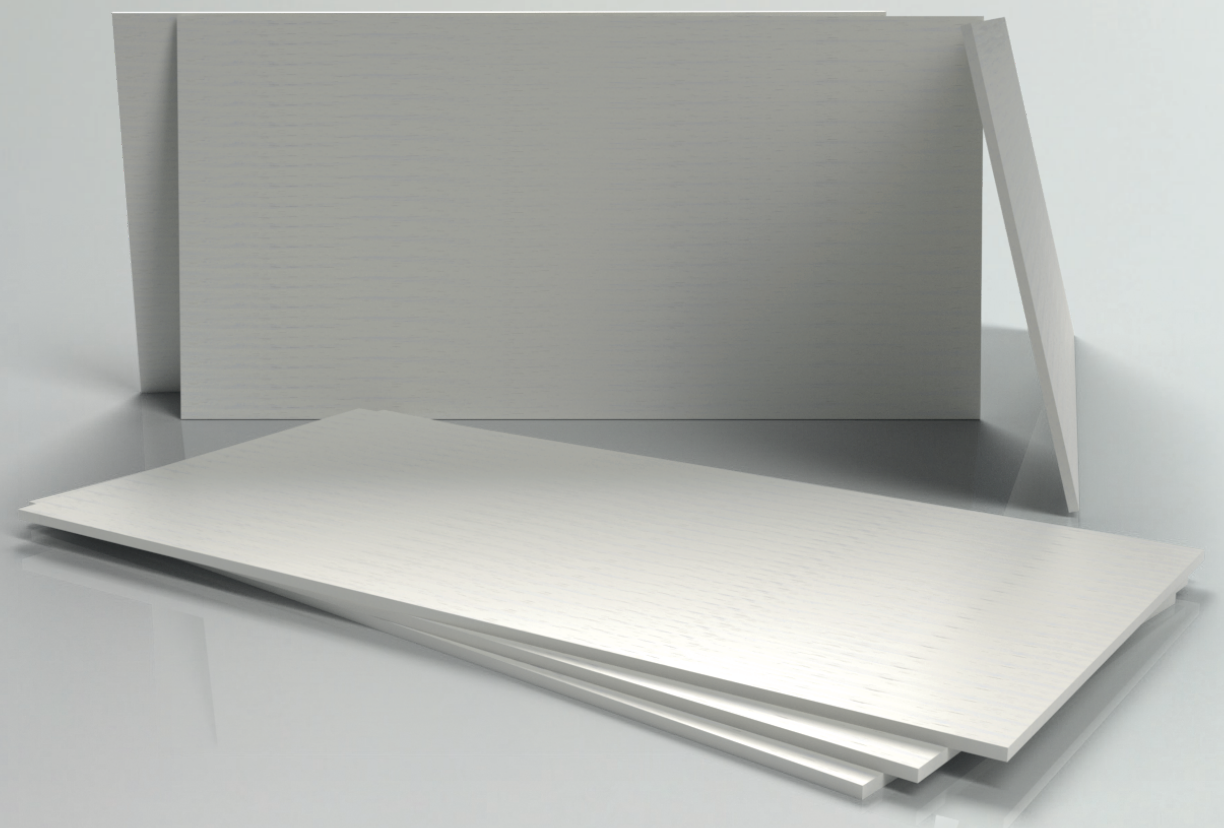
www.gmfireproof.com

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.

Technical Product Data Sheet

ROKU® S 1100



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Tech.Rev.: 1.1
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Product description

The ROKU® S 1100 is a cement-bonded calcium silicate board. It is produced from purely mineral materials and is asbestos-free.

With a bulk density of 1050 to 1150 kg/m³ and thermal conductivity of 0.22 W/(m×K), the board is highly stable with outstanding fire protection properties.

The ROKU® S 1100 can be processed using conventional tools. The panels are easy to cut and install, making them a flexible solution for a variety of fire protection requirements.

Reaction to fire

- Class A1 (DIN EN 13501-1)

Properties

- High stability
- Good insulating properties
- Has a wide range of uses
- Reliable fire protection
- Easy to handle

Fields of application

- Fire protection cladding in structural engineering and industrial construction
- As insulating panels for all room-separating fire protection barriers
- Insulation, ventilation, fire protection and sound insulation applications

Technical data

Composition	Cement-bound silicate fire protection panel
Material structure	Solid board material
Volatile components (VOC) [g/l]	None
Thermal conductivity [W/(m×K)]	0.25
Bending resistance [N/mm²]	5.5
Pressure resistance [N/mm²]	9.1
Bulk density [kg/m³]	1200 (±10 %)
pH value	11
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.

Processing information

1. Surface preparation:
   - The surfaces must be clean, dry and free from dust, grease and oil to enable optimum adhesion.
2. Application temperature:
   - The product should be applied at temperatures between +5 °C and +25 °C to process the material as effectively as possible and preserve its properties.
3. Application:
   - ROKU® S 1100 is a solid, cement-bound calcium silicate board that is easy to work with. It can be attached mechanically.
   - For a consistent and stable attachment, ensure the boards are positioned precisely and use suitable fastening materials.
4. Avoid dust:
   - During processing, keep the amount of dust produced to a minimum and ensure the work area is well ventilated.
5. Safety notes:
   - During processing, wear suitable protective equipment such as gloves and respiratory masks to prevent contact with skin and avoid breathing in dust.

Delivery forms

Dimensions (L × W) [mm]	2440 × 1220
Standard thicknesses [mm]	6, 9, 12, 15, 20 and 25 (No stock items / Minimum order quantity (MOQ) must be observed.)

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