AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

ROKU ® Sil - 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

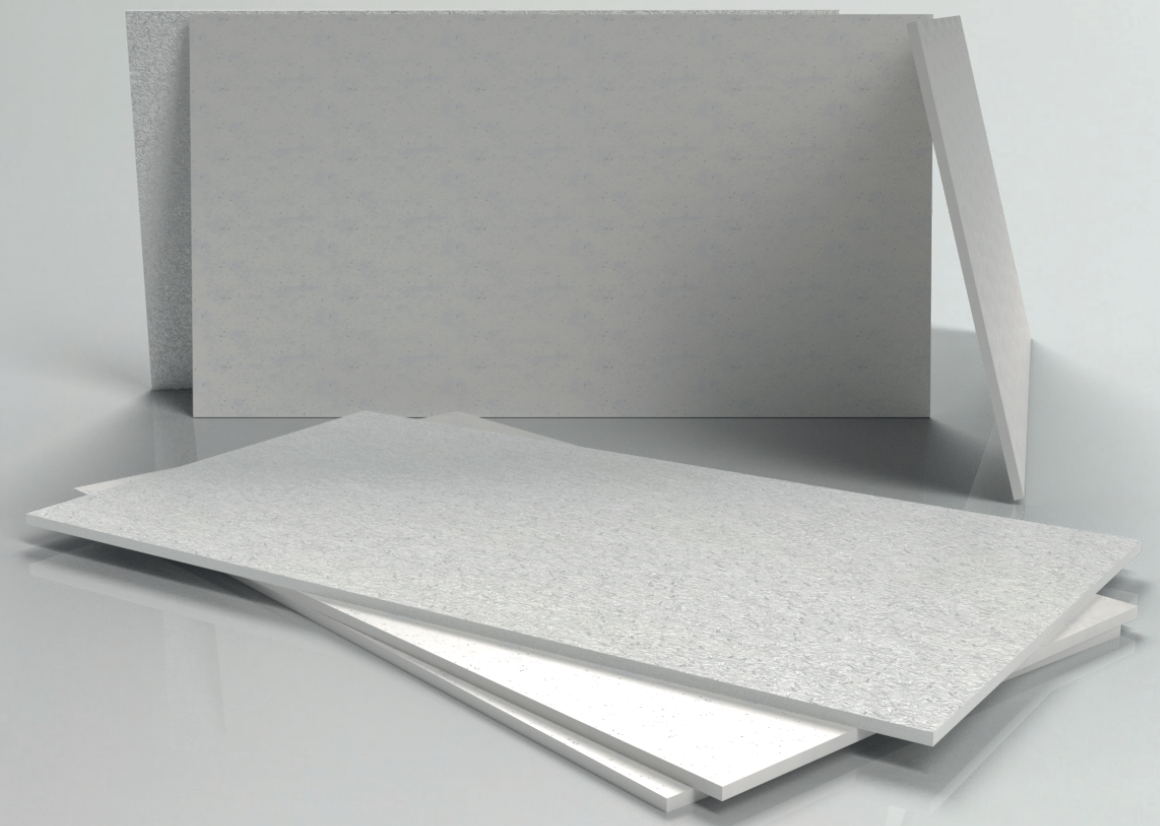
www.gmfireproof.com

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® Sil



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

Product description

The ROKU® Sil is a non-combustible, asbestos-free construction panel made from uncoated mineral material based on inorganic oxides.

Along with a bulk density of 970 to 1170 kg/m³ and a thermal conductivity of 0.139 W/(m×K), it features a robust structure and the capacity to absorb moisture, retaining its original rigidity once dried.

The ROKU® Sil is available in standard dimensions of 2250 × 1220 mm with a thickness of 3 to 12 mm. It can be used in a wide range of applications, including cladding for steel structures, cable ducts and ceilings and walls in indoor and protected outdoor areas.

Reaction to fire

- Class A1 (DIN 4102-1)

Properties

- High flexibility
- Reliable fire protection
- Easy to install
- Has a wide range of uses

Fields of application

- Indoor and protected outdoor areas
- Cladding of steel structures
- Cable ducts
- Ceilings and walls

Technical data

Composition	Uncoated mineral construction panel based on inorganic oxides
Material structure	Solid board material
Volatile components (VOC) [g/l]	None
Thermal conductivity [W/(m×K)]	0.139
Bulk density [kg/m³]	970 – 1170
Moisture content (mass percentage) [%]	10
pH value	8 – 12
Surface finish	Front side smooth, rear side with glass cloth or polyester fleece
Storage	Store in a dry location under normal climatic conditions. Stack a maximum of three pallets on top of each other.

Processing information

1. Surface preparation:
   - The surface must be clean, dry and free from dirt such as dust, grease and oil.
2. Application temperature:
   - The recommended application temperature is between +5 °C and +35 °C.
3. Application:
   - ROKU® Sil boards are uncoated mineral construction boards that can be attached mechanically or using adhesives. Careful cutting and precise positioning are important for ensuring stability and a durable connection.
4. Avoid dust:
   - During processing, avoid dust wherever possible and ensure the work area is well ventilated.

Delivery forms

Dimensions (L × W) [mm]	2250 × 1220
Standard thicknesses [mm]	3 – 12 (tolerances approx. ±0.95)

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

Note

The board must be protected from humidity and moisture. It must also be protected from frost during transport and storage.

Do not expose to outdoor weather conditions or long periods of high humidity.

Boreholes and screw connections in or through the material for establishing further connections are made under the processor's own responsibility.

Material combinations must be taken into account: components that are prone to corrosion that are in contact with the ROKU® Sil must be protected appropriately.

