AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

ROKU ® Therm - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

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销售及选型联系 / Sales & product enquiries

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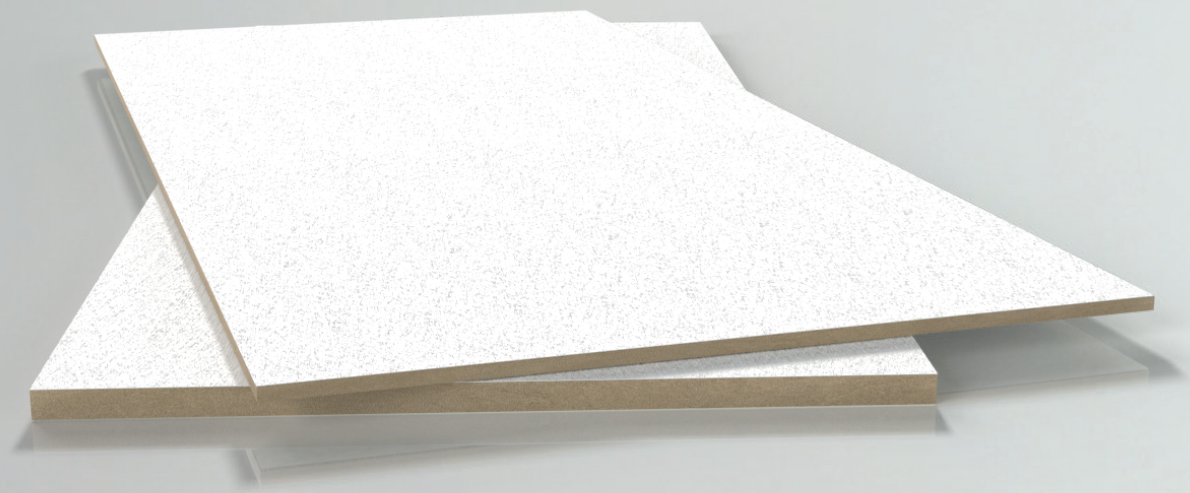
www.gmfireproof.com

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® Therm



kuhnodice

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

Product description

ROKU® Therm is a special mineral fibre board made of stone wool, binders, clay and aluminium hydroxide, coated on both sides with a primer. It is environmentally friendly and recommended from a building-biology perspective.

The board is characterised by high insulation performance and outstanding fire protection properties.

It has a density of 270 to 380 kg/m³, a thermal conductivity of 0.064 W/(m·K) and a pH value of 6.8 to 8.5.

The ROKU® Therm mineral fibre board is intended for indoor use.

Reaction to fire

- Class A2-s1,d0 (DIN EN 13501-1)

Properties

- Thermally active
- Reliable fire protection
- Has a wide range of uses
- Easy to install

Fields of application

- For surface insulation in fire protection constructions
- Cladding of solid mineral or steel substrates
- As an insulation panel in door fillings
- Between panels and building slabs
- Indoors
- As a soundproofing panel

Technical data

Verification	AbZ Z-56.426-1016
Composition	Asbestos fibre-free and formaldehyde-free mineral fibre board made from rock wool, binding agents, clay and aluminium hydroxide
Material structure	Solid board material
Thermal conductivity [W/(m×K)]	0.064
Bulk density [kg/m³]	270 – 380
Moisture content (mass percentage) [%]	1.5
pH value	6.8 – 8.5
Surface finish	Front side polished and primed, rear side primed
Storage	The boards should be stored in a dry environment and protected from moisture. Storage on flat surfaces prevents the boards from deforming.

Processing information

1. Surface preparation:
   - The surface to be clad should be clean, dry and free from dust, grease and oil to ensure optimum adhesion and product performance.
2. Application temperature:
   - Ideally, the product should be applied at ambient temperatures between +5 °C and +35 °C.
3. Application:
   - ROKU® Therm boards are usually fitted with suitable fastening elements or adhesives, depending on the specific application and the fire protection requirements.
   - For clean application and stable attachment, cut the panels precisely and move them to their designated position.
4. Avoid dust:
   - While working with and installing the product, ensure good ventilation and minimise the production of dust. Where necessary, the use of extraction systems is recommended.

Delivery forms

Thickness [mm]	Dimension [mm]	Density kg/m³	Panels / Pallet
10	2355×1070	320	100
15	1408×1208	270	110
20	2500×1100	270	80
40	2600×1150	270	40

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

