AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

ROKU V2 Gipsfaserplatte - Technical Data Sheet-en

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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® V2 Plasterboard



kuhnodice

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Ling. Rev.: 1.1

Product description

The ROKU® V2 gypsum plasterboard is a cardboard-faced fire protection board made of natural gypsum designed to enhance fire resistance performance.

Its bulk density is approximately 900 kg/m³, its thermal conductivity is 0.270 W/(m×K) and its pH value is 6 to 8.

The board is available in varying thicknesses and dimensions, including lengths of 2500 mm and widths of 1200 mm and 1250 mm.

It is ideal for surface insulation in fire protection constructions and for insulating tubular frame constructions.

Reaction to fire

- Class A2 (DIN EN 13501-1)

Properties

- High-level fire protection
- Wide range of applications
- Robust and durable
- Easy to work with

Fields of application

- For surface insulation in fire protection constructions
- As insulation for tubular frame constructions
- Insert element for profiles

Technical data

Composition		asbestos fiber and formaldehyde-free gypsum plasterboard made from natural gypsum
Material structure		Solid board material
Volatile components (VOC) [g/l]		None
Thermal conductivity [W/(m×K)]		0.27
Bending resistance [N/mm²]		4.9
Bulk density [kg/m³]		900 ±10 %
Area density	Thickness [mm]	8 | 9.5 | 12.5 | 15
	[kg/m²]	7.6 – 8.0 | 9.0 – 9.5 | 11.8 – 12.5 | 14.2 – 15.0
Moisture content (mass percentage) [%]		0.3
pH value		6 – 8
Surface finish		Coated in cardboard, smooth
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. Storage on flat surfaces prevents the boards from deforming.

ECO PLATFORM EPD VERIFIED

NEPD-12166-12178

Processing information

1. Surface preparation:
   - The surfaces should be clean, dry and free from dirt such as dust, grease and oil to enable optimum adhesion and application.
   - We recommend cleaning surfaces thoroughly prior to application, particularly in work areas where dust accumulates.
2. Application temperature:
   - The recommended application temperature is between +5 °C and +35 °C. These conditions ensure optimal material application and performance.
3. Application:
   - The features of the ROKU® V2 cardboard-coated gypsum board are its stability and low level of moisture absorption. The board can be attached directly to walls and ceilings.
   - It should be fitted using suitable fastening elements to ensure a durable and stable installation.

Delivery forms

Thickness [mm]	8	9.5	12.5	15
Dimensions (L×W) [mm]	2500 × 1200	2500 × 1250		
Edge profile	Square edge			

Tolerances [mm]

Length tolerance	+0 mm, -5 mm
Width tolerance	+0 mm, -4 mm
Thickness tolerance	±0.5 mm

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

ROKU® V2 Cardboard-coated Gypsum Board

