AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

KERAFIX ® 2000 - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

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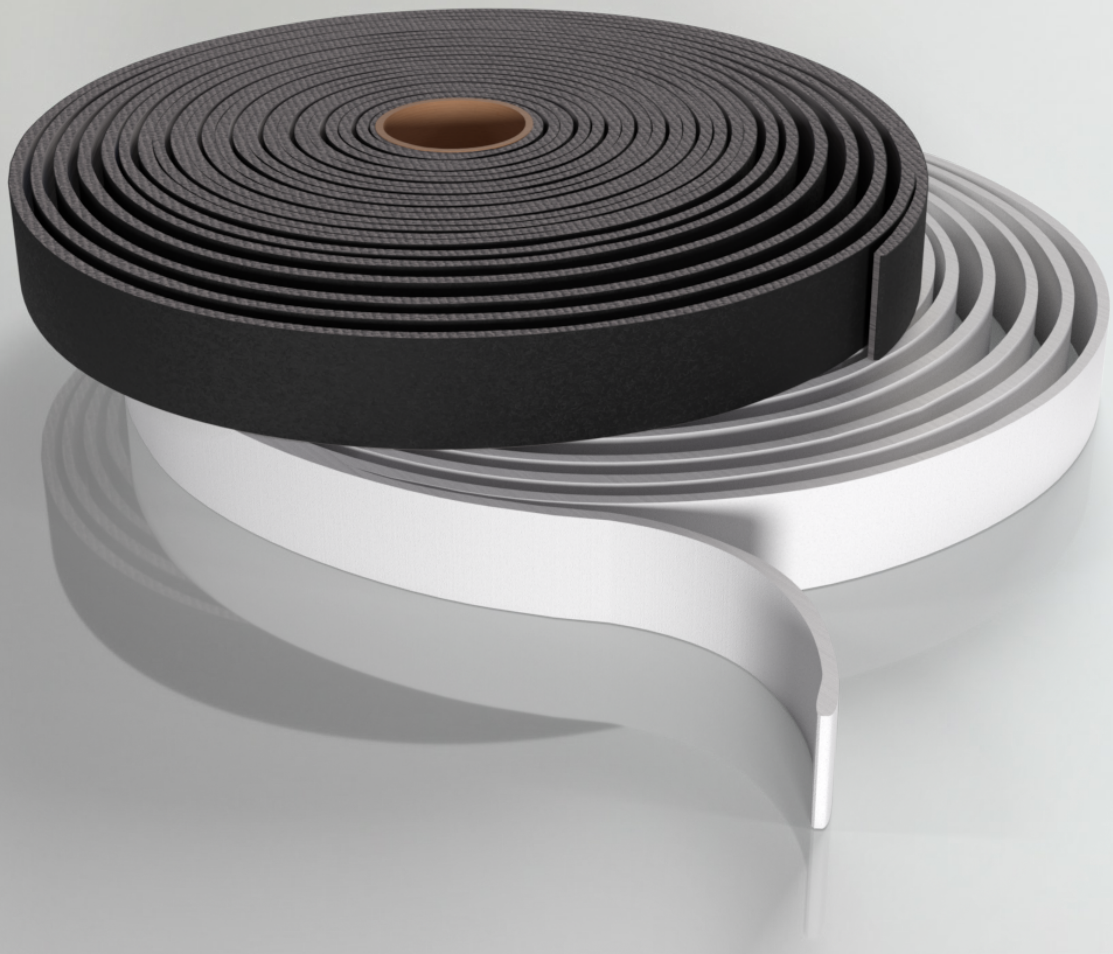
www.gmfireproof.com

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

KERAFIX® 2000



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Tech.Rev.: 1.2
Ling. Rev.: 1.1

Product description

KERAFIX® 2000 is a bio-soluble, high-temperature glazing tape made from calcium magnesium silicate.

It offers outstanding thermal and physical stability at temperatures of up to 1200 °C. Thanks to its light, flexible and compressible material structure, it is ideal for use in fire-rated glazing systems,
as a sealing material for industrial and household appliances and as additional insulation.

The material has a bulk density of 200 to 300 kg/m³ and thermal conductivity of 0.036 W/m×K, ensuring efficient insulation.

KERAFIX® 2000 is available in different variants, including classic (self-adhesive) or premium (with internal self-adhesive strip) for quick and easy installation.

It is delivered in rolls or strips with individually adaptable dimensions in accordance with DIN standards.

Reaction to fire

- Class B2 (DIN 4102-1)
- Class E (DIN EN 13501-1)

Properties

- Low-weight and flexible
- Good thermal insulation properties and low thermal conductivity
- Contact does not cause irritation
- Asbestos-free and safe to handle

Fields of application

- Sealing and insulation for fire-resistant doors and ventilation flaps
- Fire-resistant glazing as heat insulation
- Protecting lock cases, door locks and panic door locking systems
- Insulating and sealing household and heating appliances
- Thermal protection and soundproofing in applications such as lift doors or in transport and shipping
- Used to improve thermal insulation in fire-resistant constructions

Features

KERAFIX® 2000 is a bio-soluble high-temperature pre-applied sealing tape.

Technical data

Verification	abP P-3074/3439-MPA-BS
Composition	Insulating construction material based on a calcium-magnesium-silicate chemical mix
Material structure	Light, flexible and compressible roll material
Temperature stability [°C]	1200
Thermal conductivity [W/(m×K)]	0.036
Tensile strength [N/mm²] (Mpa)	0.35
Bulk density [kg/m³]	200 – 300
Surface finish	Smooth surface
Storage	In a dry location indoors
Shelf life (Version SA)	12 months in the original packaging when stored correctly.

Design variants

KERAFIX® 2000 without additional lamination

KERAFIX® 2000 classic: white/black; self-adhesive

KERAFIX® 2000 premium: white; with internal self-adhesive strip for quick and easy installation

Colour variants

White, black

Processing information

1. Surface preparation:
   - The surfaces must be clean, dry and free from dust, grease and oil to ensure optimum adhesion.
2. Application:
   - The product is cut and trimmed with conventional tools. Make sure the dimensions are exact.
   - When using the self-adhesive variant of KERAFIX® 2000, remove the protective film just before installation. Apply the tape with even pressure.

Delivery forms: classic

Roll length [mm]	10,000
Standard widths [mm]	10 – 1000
Standard thicknesses [mm]	classic (white): 1 – 10 classic (black): 2 – 6

Delivery forms: premium

Roll length [mm]	Thickness [mm]	Width [mm]
10,000	6	From 10 mm to 1000 mm
10,000	5	
26,000	2	
27,000	4	
35,000	3	

Tolerances [mm]

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

All moulded parts and punched parts are produced in accordance with the general tolerance DIN 7715-5-p2.