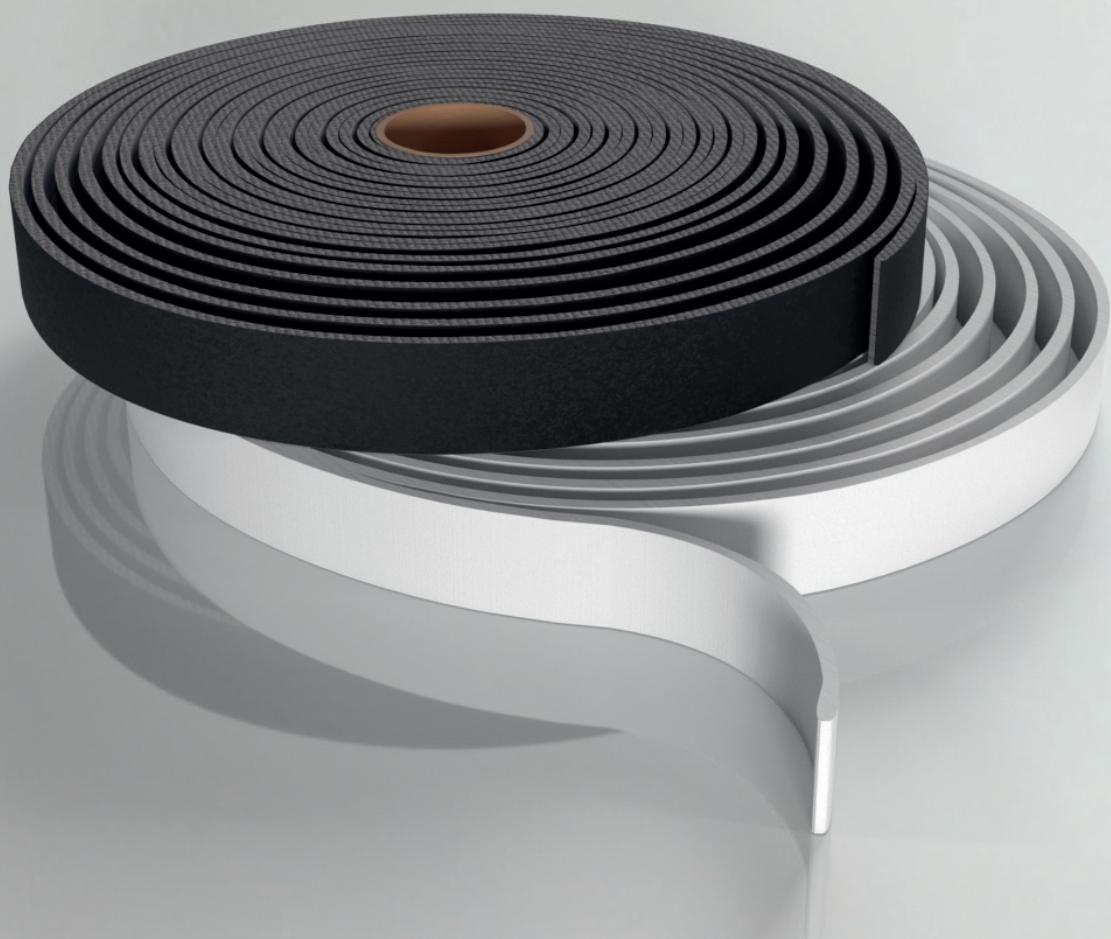


Technical Product Data Sheet

# KERAFIX® 2000



**kuhnrodice | ELNOVIS**

## Product description

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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/m<sup>3</sup> and thermal conductivity of 0.036 W/mxK, 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

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Class B2 (DIN 4102-1)

## Properties

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- Bio-soluble and environmentally friendly
- Thermal stability up to 1200 °C
- Flexible, light and compressible material structure
- High thermal insulation performance with thermal conductivity of 0.036 W/mxK
- High tensile strength of at least 0.35 N/mm<sup>2</sup>
- Modifiable delivery formats for a multitude of applications

## Fields of application

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- Fire-rated glazing systems as thermal insulation
- Sealing material for industrial and household appliances
- Additional insulation for aluminium holding furnaces
- Expansion joints

## Features

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KERAFIX® 2000 has a bio-soluble composition that offers a safe and efficient solution for high-temperature applications.

## Technical data

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Verification	abP P-3074/3439-MPA-BS: 15 March 2021
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/(mxK)]	0.036
Tensile strength [N/mm <sup>2</sup> ]	0.35
Bulk density [kg/m <sup>3</sup> ]	200 – 300
Surface finish	Smooth surface
Storage	In a dry location indoors

## 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	
10,000	5	
26,000	2	
27,000	4	
35,000	3	From 10 mm to 1000 mm

## Tolerances [mm]

All cuts (length x 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.

## Contact:

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