

TECHNOBAKING DISK (Baking-oven-tile)

Technical specification

Classification-temperature	°C	500
Short-term load	°C	550
Density	kg/m ³	1900
Tensile-strength	N/mm ²	12
Thermal expansion coefficient	m/mK	1.0 x 10 ⁻⁵
Thermal conductivity	W/mK	0.8
Compressive-strength	N/mm ²	> 40
Colour		brown
Standard-thicknesses	mm	15, 20, 25
Tolerances (thickness)	mm	± 1.5
Max. width	mm	bis 1300
Max. length	mm	bis 4000

Technobaking disk is based on glassfibre reinforced concrete for application in the baking-oven-industry.

The result is an environment-friendly baking-oven-tile, which contains high quality raw-materials.

Advantages:

- » Two different surface-structures, pyramid and smooth
- » Perfect wear-resistance
- » No health damaging elements
- » Great heat-resistance
- » All sizes on client demand available
- » On demand border-finishing with bias or milling

Warning:

During the first stimulating of the baking oven tiles, the regulations must be observed. We exclude every liability at damages which arise from the non observance of these regulations.

- (1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
- (2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
- (3) Heat transmission calculations for this material can be requested from our Engineering department.

The information contained in this publication serves only for purposes of clarification, and is not intended to form the basis of contractual obligations.

Further information and advice on specific details of the products described can be obtained in writing from Techno-Physik Eng. GmbH (Germany). The TechnoPhysik Group is consistently running product development programmes and reserves the right to modify product specifications at any time without notice. The customer/user is thus always obliged to ensure that the material form Techno-Physik Eng. GmbH is suitable for his specific purposes. The specified values are average figures determined from current production and are intended only for information. Warranty claims cannot be derived from these figures. We recommend to test the material for your application.

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