Technical Data Sheet KOREFIB® FiberMesh 4 mm / 100×100 mm
TL-KOREFIB-4-100x100-2025-01

Manufacturer:
KOREFIB s.r.o.
Borová 581/7, Bludovice, 736 01 Havířov
Company ID: 17587921 VAT ID: CZ17587921

Product Description:
KOREFIB® FiberMesh 4 mm / mesh 100x100 mm is a composite glass reinforcement mesh composed of Ø 4 mm rods arranged in regular 100x100 mm openings. The rods are bonded with an alkali-resistant polymer matrix. The product is intended for surface reinforcement of screeds, industrial floors, and prefabricated components for both indoor and outdoor applications.

Property	Value	Unit	Test Method
Rod diameter (warp / weft)	4	mm	
Number of rods per 1 m	10	pcs	
Cross-sectional area (warp / weft)	11,83 / 12	mm²	ISO 10406-1
Tensile force (warp)	12 955	N	EAD 260057-00-0303
Tensile force (weft)	17 954	N	EAD 260057-00-0303
Tensile strength (warp / weft)	130 / 180	kN/m	EAD 260057-00-0303
Average tensile strength (warp)	1 029	MPa	ISO 10406-1
Average tensile strength (weft)	1 453	MPa	ISO 10406-1
Characteristic tensile strength (warp / weft)	972/ 1365	MPa	ISO 10406-1
Modulus of elasticity (warp / weft)	37,4 / 42,6	GPa	ISO 10406-1
Elongation at break (warp / weft)	2,87 / 3,54	%	ISO 10406-1
Mesh areal weight	454,5	g/m²	EAD 260057-00-0303
Residual strength after alkaline ageing	93,1 / 86,7	%	ETA 25/0367
Residual strength after acid ageing	99,2 / 97,2	%	ETA 25/0367
Ash content / organic content	78,7/ 21,3	%	EAD 260057-00-0303

Additional Technical Data:

Fibre type	ECR glass fibre (alkali-resistant)
Matrix	Epoxy resin
Form of delivery	Rolls or sheets

Conformity and Certification:
The product has been assessed under the AVCP system 2+ and bears the CE mark in accordance with Regulation (EU) No. 305/2011.Tests were carried out by the accredited body TZÚS Prague. A Declaration of Performance has been issued for the product and is supported by the European Technical Assessment ETA 25/0367.

Declaration:
The above-mentioned properties are in accordance with the requirements set out in ETA 25/0367.The product conforms toRegulation(EU)No. 305/2011.

Havířov, 9 June 2025

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