

Glasstex[®] P100x200 - Paving Composite

Intended use: Glasstex[®] P100x200 is an asphalt interlayer (Paving Composite) used in road constructions to mitigate reflective cracking from bound substrates into newly paved asphalt layers.

Product description: Glasstex[®] P100x200 consists of a glass filament grid structure stitched with PET yarn onto a polypropylene paving fabric. It combines the reinforcing function of the high tensile glass filaments with, once installed and saturated with bitumen, the moisture barrier and stress relief function (SAMI) of the paving fabric. Furthermore, the paving fabric supports fixing the product during installation due to its continuous structure.

Provided functions: reinforcement (R), stress relief (STR), interlayer barrier (IB)

Characteristic	Unit	Value
Roll width	m	1.0, 2.0, 3.0
Roll length	m	75 (50 / 100 on request)
Product weight	g/m ²	520
Index strength (1)	kN/m	100/200
Typical strain at failure (1)	%	3.0
Elastic modulus of glass filaments	GPa	80
Mesh size	mm	40 × 40
Polymer of Paving Fabric		PP
Weight of Paving fabric (2)	g/m ²	130
Bitumen retention (3)	kg/m ²	≥1.1

- (1) Index property based on testing the individual glass filaments in accordance with ASTM D 3822. Index properties will differ from testing results on the final product (e.g. to ISO 10319).
- (2) Determined in accordance to EN ISO 9864
- (3) Determined in accordance with EN 15381, Annex C.
- (4) Glasstex[®] P100x200 is manufactured in accordance with a Quality Management System which complies with the requirements of EN ISO 9001.
- (5) All quoted dimensions and values are typical unless stated otherwise.

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