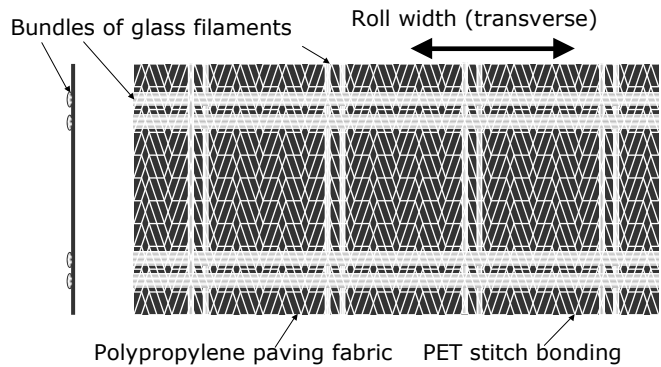


Glasstex[®] P100 paving composite product Specification

Glasstex[®] P100 is used for both the reinforcement of asphalt layers in the construction of new pavements and of asphalt overlays in the rehabilitation of existing pavements.

Glasstex[®] P100 is a composite consisting of bundles of glass filaments stitched onto a polypropylene paving fabric in both the longitudinal and transverse directions using polyester (PET) yarn. The glass fibres provide high tensile stiffness, and the polypropylene fabric provides a means of maintaining the required geometry of the composite, as well as a fixing layer during installation. Once installed and saturated with bitumen, the paving fabric then acts as a waterproofing layer and also a stress absorbing membrane interface (SAMI).



Glasstex[®] P100 Composite			
Roll width	m	1.0, 2.0	
Roll length	m	100	
Unit weight	kg/m ²	0.43	
Glass filament content	tex/m	12 × 10 ⁴	
Glass filament mesh pitch	mm	40 × 40	
Index strength (1)	kN/m	100.0	
Maximum strain at failure (1)	%	3.0	
Paving fabric properties			
Polymer (2)		PP	
Grab tensile strength (3)	N	450.0	
Approx strain at failure (3)	%	50.0	
Asphalt retention (4)	l/m ²	1.1	

- (1)** Index property based on testing the individual glass filaments in accordance with BS EN ISO 3341:2000.
- (2)** PP denotes polypropylene.
- (3)** Mean value determined in accordance with ASTM D 4632.
- (4)** Mean value determined in accordance with ASTM D 6140.
- (5)** **Glasstex[®] P100** is manufactured in accordance with a Quality Management System which complies with the requirements of BS EN ISO 9001:2000.
- (6)** All quoted dimensions and values are typical unless stated otherwise

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Tensar is a registered trade mark

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