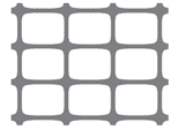


**Tensar technical note**

TN/GT-Grid/26.06.09

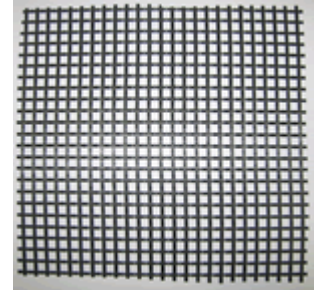
**Glasstex® Grid Paving  
Product Specification**



**Tensar**  
INTERNATIONAL

**Glasstex® Grid** 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® Grid** is composed of glass fibre yarns knitted into an open mesh grid and stitched using polyester fibres with a modified bitumen coating. One side of Glasstex® Grid is also coated with pressure sensitive adhesive that will hold the grid in place during installation and construction of the bituminous bound overlay. The large aperture of the open mesh provides optimum bond between substrate and new overlay.



<b>Glasstex® Grid grade</b>		<b>GL50</b>	<b>GL100</b>	<b>GS100</b>	<b>GS 100/200</b>
Property	Unit				
Roll width	m	1.5	1.5	1.5	1.5
Roll length	m	100	100	100	60 or 100
Mesh Size	mm	25 x 25	25 x 25	12.5 x 12.5	12.5 x 12.5
Nominal / Unit Weight	g/m <sup>2</sup>	265	520	520	780
Tensile strength (MD / CMD) (1)	kN/ m	50 x 50	100x 100	100 x 100	100 x 200
Strain at maximum load (1)	%	<2.5	<2.5	< 2.5	<2.5

**Notes**

- (1) Wide width EN ISO 10319
- (2) Glasstex® Grid is manufactured in accordance with a Quality Management System which complies with the requirements of ISO 9001:2000
- (3) All dimensions and values are typical unless stated otherwise.

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**Tensar** is a registered trade mark

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