



GlasGrid® Asphalt Reinforcement System

Specification Sheet – GlasGrid® 8501/8511 Asphalt Reinforcement System

Specifications for Use in Asphalt Overlays					
Property	Test Method	8501		8511	
		Metric	Imperial	Metric	Imperial
Tensile Strength (Ultimate) (MD x XD)	ASTM D6637 EN-ISO 10319	100 x 100 kN/m	571 x 571 lbs/in	100 x 100 kN/m	571 x 571 lbs/in
Tensile Elongation (Ultimate)	ASTM D6637 EN-ISO 10319	< 3%	< 3%	< 3%	< 3%
Tensile Resistance @ 2% Strain (MD x XD)	ASTM D6637 EN-ISO 10319	80 x 80 kN/m	456 x 456 lbs/in	80 x 80 kN/m	456 x 456 lbs/in
Young's Modulus E		73,000 MPa	10.6 x 10 ⁶ psi	73,000 MPa	10.6 x 10 ⁶ psi
Mass/Unit Area	ASTM D5261 ISO 9864	405 g/m ²	12.0 oz/yd ²	405 g/m ²	12.0 oz/yd ²
Melting Point Coating	ASTM D276/EN-ISO 3146	>232° C	>450° F	>232° C	>450° F
Melting Point Glass	ASTM C338	>820° C	>1508° F	>820° C	>1508° F
Roll Length		100 m	328 ft	100 m	328 ft
Roll Width		1.5 m	5 ft	1.5 m	5 ft
Roll Area		150 m ²	179 yd ²	150 m ²	179 yd ²
Adhesive Backing		Pressure Sensitive		Pressure Sensitive	
Grid Size (Center to Center of Strand)		12.5 x 12.5 mm	0.5 x 0.5 in	25 x 25 mm	1.0 x 1.0 in
Material		Fiberglass reinforcement with modified polymer coating and pressure-sensitive adhesive backing			

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