



GlasGrid® Asphalt Reinforcement System

Specification Sheet – GlasGrid® 8550 Asphalt Reinforcement System

Specifications for Use in Asphalt Overlays			
Property	Test Method	8550	
		Metric	Imperial
Tensile Strength (Ultimate) (MD x XD)	ASTM D6637 EN-ISO 10319	50 x 50 kN/m	285 x 285 lbs/in
Tensile Elongation (Ultimate)	ASTM D6637 EN-ISO 10319	< 3%	< 3%
Tensile Resistance @ 2% Strain (MD x XD)	ASTM D6637 EN-ISO 10319	40 x 40 kN/m	228 x 228 lbs/in
Young's Modulus E		73,000 MPa	10.6 x 10 ⁶ psi
Mass/Unit Area	ASTM D5261 ISO 9864	205 g/m ²	6 oz/yd ²
Melting Point Coating	ASTM D276/EN-ISO 3146	>232° C	>450° F
Melting Point Glass	ASTM C338	>820° C	>1508° F
Roll Length		150 m	492 ft
Roll Width		1.5 m	5 ft
Roll Area		225 m ²	269 yd ²
Adhesive Backing		Pressure Sensitive	
Grid Size (Center to Center of Strand)		25 x 25 mm	1.0 x 1.0 in
Material	Fiberglass reinforcement with modified polymer coating and pressure-sensitive adhesive backing		

The values and tolerances given are obtained in our laboratories and in accredited testing institutions. All imperial values are approximate. The information given in this data sheet is to the best of our knowledge true and correct. However new research and practical experience can make revisions necessary. We reserve the right to make changes at any time. Statements concerning possible use of our product are not intended as recommendations for their use in the infringement of any patent. No patent warranty of any kind, expressed or implied, is made or intended.



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