



GlasGrid® CG50 Composite Asphalt Reinforcement Solution

Specification Sheet – GlasGrid® CG50 Composite Asphalt Reinforcement Solution

Specifications for Use in Asphalt Overlays			
Property	Test Method	CG50	
		Metric	Imperial
Tensile Strength (Ultimate) (MD x XD)	ASTM D4595 EN-ISO 10319	50 x 50 kN/m	285 x 285 lbs/in
Tensile Elongation (Ultimate)	ASTM D4595 EN-ISO 10319	< 3%	< 3%
Tensile Resistance @ 2% Strain (MD x XD)	ASTM D4595 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	340 g/m ²	10.0 oz/yd ²
Asphalt Retention	ASTM D6140 EN 15381 Annex C	0.90/m ²	0.20 gal/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		95 m	312 ft
Roll Width		1.5 m	5 ft
Roll Area		142.5 m ²	170 yd ²
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 bonded to a nonwoven polypropylene specifically engineered for asphalt overlays		



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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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