



GlasGrid® CG100 Composite Asphalt Reinforcement Solution

Specification Sheet – GlasGrid® CG100 Composite Asphalt Reinforcement Solution

Specifications for Use in Asphalt Overlays			
Property	Test Method	CG100	
		Metric	Imperial
Tensile Strength (Ultimate) (MD x XD)	ASTM D4595 EN-ISO 10319	100 x 100 kN/m	571 x 571 lbs/in
Tensile Elongation (Ultimate)	ASTM D4595 EN-ISO 10319	< 3%	< 3%
Tensile Resistance @ 2% Strain (MD x XD)	ASTM D4595 EN-ISO 10319	80 x 80 kN/m	456 x 456 lbs/in
Young's Modulus E		73,000 MPa	10.6 x 10 ⁶ psi
Mass/Unit Area	ASTM D5261-92 ISO 9864	542 g/m ²	16.0 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		60 m	197 ft
Roll Width		1.5 m	5 ft
Roll Area		90 m ²	109 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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