



GlasGrid® Complete Road System

Specification Sheet - Pavement Reinforcement Geocomposite Grid

Specifications for Use in Asphalt Overlays					
Property	Test Method	CG-50		CG-100	
		Metric*	Imperial**	Metric*	Imperial**
Tensile Strength	ASTM D 4595				
Across Width		50 kN/m	280 lbs/in.	100 kN/m	560 lbs/in.
Across Length		50 kN/m	280 lbs/in.	100 kN/m	560 lbs/in.
Elongation at Break	ASTM D 4595	< 3%	< 3%	< 3%	< 3%
Melting Point	ASTM D 276	> 232°C	> 450°F	> 232°C	> 450°F
Mass/Unit Area	ASTM D 5261-92	340 g/m ²	10 oz/yd ²	542 g/m ²	16 oz/yd ²
Asphalt Retention		0.9 l/m ²	0.2 gal/yd ²	0.9 l/m ²	0.2 gal/yd ²
Roll Length[†]		95 m	312 ft	60 m	197 ft
Roll Width[†]		1.5 m	5 ft	1.5 m	5 ft
Roll Area[†]		142.5 m ²	172 yd ²	90 m ²	109 yd ²
Aperture Size		25 mm x 25 mm	1in. x 1in.	25 mm x 25 mm	1in. x 1in.
Composition	Custom-knitted fiberglass mesh with elastomeric polymer coating bonded to a nonwoven polypropylene geotextile specifically engineered for asphalt overlays.				

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[†] Product is sold by the roll. *All metric values are nominal. **All imperial values are approximate.



PO Box 87380
 Carol Stream, IL 60188
 630.293.3111

www.roadfabrics.com



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