



GlasGrid® Asphalt Reinforcement System

Specification Sheet – GlasGrid® 8512 TF Asphalt Reinforcement System

Specifications for Use in Asphalt Overlays			
Property	Test Method	8512 TF	
		Metric	Imperial
Tensile Strength (Ultimate) (MD x XD)	ASTM D6637 EN-ISO 10319	100 x 200 kN/m	571 x 1,142 lb/in.
Tensile Elongation (Ultimate)	ASTM D6637 EN-ISO 10319	< 3%	< 3%
Tensile Resistance @ 2% Strain (MD x XD)	ASTM D6637 EN-ISO 10319	80 x 160 kN/m	456 x 913 lb/in.
Young's Modulus E		73,000 MPa	10.6 x 10 ⁶ psi
Mass/Unit Area	ASTM D5261 ISO 9864	637 g/m ²	18.8 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		60 m	197 ft
Roll Width		1.5 m	5 ft
Roll Area		90 m ²	108 yd ²
Adhesive Backing		Pressure Sensitive	
Grid Size (Center to Center of Strand)		25 x 19 mm	1.0 x 0.75 in.
Material	Fiberglass reinforcement with modified polymer coating and pressure-sensitive adhesive backing bonded to polymer tack film		
Film Type		100% Polymer	
Film Softening Point		99°C	210°F



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