

GLASGRID® GP50

Waterproofing Paving Mat

GlasPave 50 is manufactured at a Saint-Gobain ADFORS facility that has achieved ISO 9001:2008 certification, registration #0045662 and meets the requirements of EN 15381. GlasPave is constructed of high strength, continuous fiberglass fibers, coated in a patent-pending elastomeric polymer and embedded between two spun bond polyester textiles conforming to the following test methods and physical properties. Every component of the matrix shall be stabilized against ultraviolet degradation and inert to chemicals normally found in a natural soil environment. GlasPave shall conform to the property values listed below, which have been derived from quality conformance testing performed by a GAI-LAP accredited laboratory:

Property	Metric	Imperial	Test Method
Tensile Strength (MD x XD) (Ultimate)	60 x 60 +/- 15 kN/m	343 x 343 +/- 85 lbs/in	ASTM D5035 EN-ISO 10319:2008
Tensile Elongation	3.5 +/- 1.5%	3.5 +/- 1.5%	ASTM D5035 EN-ISO 10319:2008
Secant Stiffness EA @ 1% Strain (MD x XD)	1,715 x 1,715 +/- 430 N/mm	9,795 x 9,795 +/- 2,455 lbs/in	ASTM D6637 EN-ISO 10319:2008
Young's Modulus E	73,000 MPa	10.6 x 10 ⁶ psi	
Mass per Unit Area	237 g/m ²	7.0 oz/yd ²	ASTM D5261 ISO 9864
Asphalt Retention	0.47 l/m ²	0.10 gal/yd ²	ASTM D6140 EN 15381 Annex C
Melting Point	>232° C	>450° F	ASTM D276 EN-ISO 3146
Roll Sizes	1.91 x 109.7 m 3.81 x 65.8 m	75 in x 120 yds 150 in x 72 yds	
Roll Areas	209.5 m ² 250.8 m ²	250 yd ² 300 yd ²	

GlasPave™ 50 is designed to meet ASTM D7239, "Hybrid Geosynthetic Paving Mat for Highway Applications" Type 1

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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