



GlasGrid® Asphalt Reinforcement System

Specification Sheet – GlasGrid® 8502/8512 Asphalt Reinforcement System

| Specifications for Use in Asphalt Overlays | | | | | |
|---|----------------------------|--|----------------------------|----------------------|----------------------------|
| Property | Test Method | 8502 | | 8512 | |
| | | Metric | Imperial | Metric | Imperial |
| Tensile Strength (Ultimate) (MD x XD) | ASTM D6637 EN-ISO 10319 | 100 x 200 kN/m | 571 x 1,142 lb/in | 100 x 200 kN/m | 571 x 1,142 lb/in |
| Tensile Elongation (Ultimate) | ASTM D6637 EN-ISO 10319 | < 3% | < 3% | < 3% | < 3% |
| Tensile Resistance @ 2% Strain (MD x XD) | ASTM D6637 EN-ISO 10319 | 80 x 160 kN/m | 456 x 913 lb/in | 80 x 160 kN/m | 456 x 913 lb/in |
| Young's Modulus E | | 73,000 MPa | 10.6 x 10 ⁶ psi | 73,000 MPa | 10.6 x 10 ⁶ psi |
| Mass/Unit Area | ASTM D5261 ISO 9864 | 610 g/m ² | 18.0 oz/yd ² | 637 g/m ² | 18.8 oz/yd ² |
| Melting Point Coating | ASTM D276/EN-ISO 3146 | >232° C | >450° F | >232° C | >450° F |
| Melting Point Glass | ASTM C338 | >820° C | >1508° F | >820° C | >1508° F |
| Roll Length | | 60 m | 197 ft | 60 m | 197 ft |
| Roll Width | | 1.5 m | 5 ft | 1.5 m | 5 ft |
| Roll Area | | 90 m ² | 108 yd ² | 90 m ² | 108 yd ² |
| Adhesive Backing | | Pressure Sensitive | | Pressure Sensitive | |
| Grid Size (Center to Center of Strand) | | 12.5 x 12.5 mm | 0.5 x 0.5 in | 25 x 19 mm | 1.0 x 0.75 in |
| Material | | Fiberglass reinforcement with modified polymer coating and pressure-sensitive adhesive backing | | | |

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.



Tensar International Corporation
2500 Northwinds Parkway
Suite 500
Alpharetta, GA 30009
Tensarcorp.com
800-TENSAR-1

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