

TECHNICAL DATA SHEET

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| Product Name | GLASGRID |
| Reference No: | DS ROAD 0446-07/2013 Rev1 |
| Date of Issue | 17 September 2013 |
| Description | A high strength, open fibreglass grid, custom knitted in a stable construction and coated with an elastomeric polymer and a pressure sensitive adhesive backing, for use as an asphalt reinforcement interlayer. |

| | | | 8550 | 8511 | 8512 | |
|--|-------------|------------------|--------------------|---------|---------|---------------------------------|
| Mass | Nominal | g/m ² | 205 | 405 | 610 | ASTM D5261 ISO 9864 |
| Tensile Strength (Ultimate) | Machine | kN/m | 55 | 115 | 115 | ASTM D6637 EN ISO 10319:2008 |
| | Across | kN/m | 55 | 115 | 215 | |
| | Elongation | % | 2.5 | 2.5 | 2.5 | |
| Tensile Resistance @ 2% strain | Machine | kN/m | 46 | 95 | 95 | ASTM D6637 EN ISO 10319:2008 |
| | Across | kN/m | 46 | 95 | 180 | |
| Secant Stiffness EA @ 1% strain | Machine | N/mm | 2 200 | 4 600 | 4 600 | ASTM D6637 EN ISO 10319:2008 |
| | Across | N/mm | 2 200 | 4 600 | 8 600 | |
| Young's Modulus E | | MPa | 73 000 | 73 000 | 73 000 | |
| Melting Point | min | °C | >232 | >232 | >232 | ASTM D276 EN ISO 3146 |
| Damage during installation | | % | < 5 | < 5 | < 5 | Internal Test Method |
| Grid Size (centre to centre of strand) | mm | | 25 x 25 | 25 x 25 | 25 x 19 | |
| Adhesive Backing | | | Pressure Sensitive | | | |
| Roll Dimensions | Roll Length | m | 150 | 100 | 60 | |
| | Roll Width | m | 1.5 | 1.5 | 1.5 | |
| | Roll Area | m ² | 225 | 150 | 90 | |

These average values given are obtained in Saint-Gobain ADFORS laboratories and in accredited testing institutions.

TECHNICAL DATA SHEET

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|---------------|--|
| Product Name | GLASGRID |
| Reference No: | DS ROAD 0517-09/2013 |
| Date of Issue | 23 September 2013 |
| Description | A high strength, open fibreglass grid, custom knitted in a stable construction and coated with an elastomeric polymer and a pressure sensitive adhesive backing, for use as an asphalt reinforcement interlayer. |

| | | | 8501 | |
|--|-------------|------------------|--------------------|---------------------------------|
| Mass | Nominal | g/m ² | 405 | ASTM D5261 ISO 9864 |
| Tensile Strength (Ultimate) | Machine | kN/m | 115 | ASTM D6637 EN ISO 10319:2008 |
| | Across | kN/m | 115 | |
| | Elongation | % | 2.5 | |
| Tensile Resistance @ 2% strain | Machine | kN/m | 95 | ASTM D6637 EN ISO 10319:2008 |
| | Across | kN/m | 95 | |
| Secant Stiffness EA @ 1% strain | Machine | N/mm | 4 600 | ASTM D6637 EN ISO 10319:2008 |
| | Across | N/mm | 4 600 | |
| Young's Modulus E | | MPa | 73 000 | |
| Melting Point | min | °C | > 232 | ASTM D276 EN ISO 3146 |
| Damage during installation | | % | < 5 | Internal Test Method |
| Grid Size (centre to centre of strand) | mm | | 12.5 x 12.5 | |
| Adhesive Backing | | | Pressure Sensitive | |
| Roll Dimensions | Roll Length | m | 100 | |
| | Roll Width | m | 1.5 | |
| | Roll Area | m ² | 150 | |

These average values given are obtained in Saint-Gobain ADFORS laboratories and in accredited testing institutions.