Geotec™ Fiberglass Geogrid/Warp Knitted Fiberglass Geogrid

[APPLICATION]
(1) Road surface reinforcement of road, railway and airport road;
(2) Maintenance, reconstruction and widening of old road surface (asphalted road or cement concrete road).
(3) Reinforcement of soft soil roadbed, irrigation channels and water dams.

[PROPERTIES]
(1) High tensile strength in both the warp and weft directions;
(2) Low elongation;
(3) Excellent temperature range;
(4) Good anti-age and alkali-resistance;
(5) Reduce construction cost, extend service life of road and prevent deflection cracks.

[TECHNICAL SPECIFICATION]

<table>
<thead>
<tr>
<th>Style</th>
<th>FGG30/30</th>
<th>FGG35/50</th>
<th>FGG60/60</th>
<th>FGG80/80</th>
<th>FGG100/100</th>
<th>FGG120/120</th>
<th>FGG140/140</th>
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</thead>
<tbody>
<tr>
<td>Tensile Strength (KN/m)</td>
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<tr>
<td>Warp</td>
<td>&gt;30</td>
<td>&gt;50</td>
<td>&gt;60</td>
<td>&gt;80</td>
<td>&gt;100</td>
<td>&gt;120</td>
<td>&gt;140</td>
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<tr>
<td>Weft</td>
<td>&gt;30</td>
<td>&gt;50</td>
<td>&gt;60</td>
<td>&gt;80</td>
<td>&gt;100</td>
<td>&gt;120</td>
<td>&gt;140</td>
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<tr>
<td>Elongation %</td>
<td>&lt;4</td>
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<tr>
<td>Mesh Size (mmxmm)</td>
<td>25.4x25.4</td>
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<td>Elastic Modulus(Gpa)</td>
<td>76</td>
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<tr>
<td>Width(M)</td>
<td>1.00-6.00</td>
<td>1.00-6.00</td>
<td>1.00-6.00</td>
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<tr>
<td>Temperature Resistance (Centigrade)</td>
<td>-100-280</td>
<td>-100-280</td>
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<tr>
<td>Physical and Chemical stability</td>
<td>Good</td>
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<td>Resin Content(%)</td>
<td>&gt;20</td>
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<tr>
<td>Treatment</td>
<td>Modified bitumen polymer or PVC</td>
<td>Modified bitumen polymer or PVC</td>
<td>Modified bitumen polymer or PVC</td>
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<td>Modified bitumen polymer or PVC</td>
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<td>Modified bitumen polymer or PVC</td>
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</tbody>
</table>

**[PACKAGE]**

*Geotec™* Warp Knitted Fiberglass Geogrid is wounded by 76mm diameter cardboard paper roll. 50m or 100m per roll, each roll per plastic bag or shrinkage bag.

Please remark followings in purchasing order:
1. Tensile strength in warp & weft direction;
2. Mesh size
3. Roll Width
4. Roll Length
5. Quantity
6. Packaging

Special needs can meet according to customer's requirements.

**[STORAGE]**

Product shall be placed under dryness condition and shall not be open the covering membrane until applying.

- [Earthworks and foundations](#)
- [Roads](#)
- [Railways](#)
- [Airports](#)
- [Hydraulic engineering](#)
- [Landfill](#)
- [Industrial and contaminated land reclamation](#)
- [Asphalt reinforcement](#)