GlasGrid® paving reinforcement products have been installed worldwide, offering proven performance in a variety of applications and climates.

Learn more about how GlasGrid Pavement Reinforcement System products can increase the life of your paving projects.

www.glasgrid.com
glasgrid@saint-gobain.com
The GlasGrid® Family of Products

The GlasGrid® product line offers several styles of pavement reinforcement grids designed to reinforce asphalt concrete overlays. They retard reflective cracking by a factor of two to three times by turning crack stresses horizontally to dissipate the stress.

GlasGrid extends pavement life by up to 300% and has been proven effective in all climates and geographic areas, performing equally well in desert conditions and in near arctic regions that are subject to intense cold and seasonal temperature fluctuations.

### The GlasGrid® Product Line

The open aperture design of GlasGrid® features fiberglass strands coated with an elastomeric polymer, which promotes aggregate interlock between paving courses and greatly decreases shear potential usually found with other paving fabrics. Installing GlasGrid is easy, postpones the need for complete reconstruction, and helps lower maintenance costs.

### GlasGrid® TF (Tack Film)

GlasGrid® TF (Tack Film) contains a patent-pending, highly engineered film that offers the benefits of tack coat without all the inherent problems. The fiberglass grid provides protection against reflective cracking, while the tack film enhances performance of the overlay, resulting in extended life.

### GlasGrid® CG (CompoGrid)

GlasGrid® CG (CompoGrid) products contain a non-woven fabric layer that is saturated with bitumen, which provides an effective moisture barrier, as well as additional pavement protection.

### GlasGrid® GP (GlasPave)

GlasGrid® GP (GlasPave) is made from a unique fiberglass scrim embedded between two lightweight polyester geotextiles. It is particularly effective for waterproofing and requires 50% less hot asphalt cement for saturation than conventional paving fabrics, reducing system costs and minimizing carbon footprint.

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<table>
<thead>
<tr>
<th>Route Type</th>
<th>Traffic [ESALS]</th>
<th>Waterproofing Required or Application to Milled Surface</th>
<th>Alligator Cracking (Aging)</th>
<th>Block Cracking Cracks &lt; 6 mm</th>
<th>Block Cracking Cracks &gt; 6 mm</th>
<th>PCC Joint Reflective Cracks</th>
<th>Thermal Cracking Warm Region</th>
<th>Thermal Cracking Cold Region</th>
<th>Lane Widening Cracks (Sand Subgrade)</th>
<th>Lane Widening Cracks (Clay Subgrade)</th>
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<tbody>
<tr>
<td>Residential Streets, Minor Country Roads, Golf Cart Paths, Parking Lots, Tennis Courts, Bike Trails</td>
<td>300K &lt; 1% Heavies</td>
<td>GG50 GP50 CG50</td>
<td>GP25 CG50</td>
<td>GP25 GP50 CG50</td>
<td>GP25 TF100 GG50</td>
<td>TF100 GG50</td>
<td>CG200</td>
<td>GG200</td>
<td>GG100</td>
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<tr>
<td>County, Regional or Municipal Connector Roads</td>
<td>1,000,000 – 3,000,000 1% – 5% Heavies</td>
<td>GP50 CG50 CG100</td>
<td>GP25 CG50</td>
<td>GP25 TF100 GG50</td>
<td>TF100 GG50</td>
<td>TF100 GG50</td>
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<tr>
<td>Interstate Highways or Inter-Urban Roads</td>
<td>1M &gt; 5% Heavies</td>
<td>GP50 CG50 CG100</td>
<td>GP25 CG50</td>
<td>GP25 TF100 GG50</td>
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<tr>
<td>Industrial Ports or Intermodal Facilities</td>
<td>Axle Loads &gt; 20kip</td>
<td>CG200</td>
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</tbody>
</table>

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GG50 includes GG8550, GG100 includes GG8501 and GG8511, GG200 includes GG8502 and GG8512, TF100 includes GG8501TF and GG8511TF


2 GlasGrid® TF (Tack Film), a field tack is bonded to the GlasGrid® and can be used for applications with fresh leveling course. Available in TF100 for full width coverage.