LSG SERIES STABILIZER GRID provides superior support to your pavement system. The system confines materials and prevents lateral movement away from the applied load. The stabilizer grid acts as a large mat, by spreading the load over an extended area while increasing the load bearing capacity of the pavement surface.

APPLICATIONS INCLUDE:
- Paver Base Support
- Permeable Paving
- Access Roads
- Fire Access Lanes
- Boat Ramps
- RV Parking
- Golf Cart Pathways
- Overflow Parking

Reduce Stormwater Runoff • Reduce Base Thickness • Reduce Subgrade Stress • Reduce Installation Costs • Reduce Maintenance • Increase Strength • Increase Load Support • Increase Pavement Life • Increase Performance
**GRAVEL**

Permeable gravel pavements are permanently stabilized with the LSG series. Eliminate rutting.

**GRASS**

Permeable grassy paving is ideal for overflow parking, parking pads, and heavy vehicle access.

*Aggregates and soil are mixed for load support and root growth. Ratio varies. Call for details.*
“Makes a great foundation for any surface!”

**GRAVEL-LOK**

Combine natural pebbles with our polyurethane binder, Gravel-Lok. The mixed formula is troweled in place and creates a durable, decorative, eco-friendly porous surface.

**PAVERS**

Use the LSG series below pavers to create a strong foundation and virtually eliminate rutting.

Also ideal for stabilizing the top layer of gravel in a permeable paver application.
TYPICAL INSTALLATION of LSG SERIES as base foundation for Gravel-lok or pavers. For non-bonded gravel or grassy paving, see website for installation - www.celltekdirect.com

Excavate
Install Geotextile Fabric
Install Expansion Spikes
Expand LSG Stabilizer Grid
Staple One Grid To Another
Infill Cells
Completely Fill Cells
Overfill Cells & Tamp
Install Surface Layer

### PRODUCTS

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<tr>
<th>PRODUCTS</th>
<th>CELL DEPTH</th>
<th>DIMENSIONS</th>
<th>AREA/UNIT</th>
<th>UNITS/PALLET</th>
<th>TRAFFIC</th>
<th>LOAD DETAILS</th>
<th>APPLICATIONS</th>
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<tr>
<td>LSG-3</td>
<td>3”</td>
<td>9’ x 24’</td>
<td>215 SF</td>
<td>24</td>
<td>Pedestrian</td>
<td>8000 lb. Axle Loads: 18kN</td>
<td>Pedestrian Traffic, Walkways, Pathways</td>
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<tr>
<td>LSG-4</td>
<td>4”</td>
<td>9’ x 24’</td>
<td>215 SF</td>
<td>18</td>
<td>Cars &amp; Pickup Trucks</td>
<td>H10 Loading 40,000 lb. Axle Loads 76kN</td>
<td>Driveways, Access Roads, Overflow Parking</td>
</tr>
<tr>
<td>LSG-6</td>
<td>6”</td>
<td>9’ x 24’</td>
<td>215 SF</td>
<td>12</td>
<td>Heavy Trucks &amp; Fire Access</td>
<td>H20 Loading 80,000 lb. Axle Loads 145kN</td>
<td>Ports, Boat Ramps, Access Roads, Driveways, Commercial Applications</td>
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### PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TEST METHOD</th>
<th>TEST VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Composition</td>
<td>ASTM D1505</td>
<td>Polymer, Virgin HDPE Density: 0.9574 g/cm³</td>
</tr>
<tr>
<td>Nominal Sheet Thickness</td>
<td>ASTM D 5199</td>
<td>1.33 mm</td>
</tr>
<tr>
<td>Environmental Stress Cracking</td>
<td>ASTM D1693</td>
<td>3500 Hrs.</td>
</tr>
<tr>
<td>Stabilizer</td>
<td>ASTM E 682</td>
<td>Hindered amine light stabilizer (HALS) 1.0% by weight</td>
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<tr>
<td>Short Term Seam Peel Strength</td>
<td></td>
<td>3” (75mm): 1065N</td>
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<tr>
<td></td>
<td></td>
<td>4” (100mm): 1542N</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6” (150mm): 2170N</td>
</tr>
</tbody>
</table>

WWW.CELLTEKDIRECT.COM

E-mail: info@celltekdirect.com  Tel: 410-721-4844  Fax: 410-721-3844

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