

# LSG SERIES<sup>®</sup>

## LOAD SUPPORT GRID

*"Saves money and lasts a lifetime!"*



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:

### Gravel | Grassy Paving

- Driveways
- Municipal and private roads
- Access roads
- Parking lots | Parking pads
- Fire access lanes
- Overflow parking

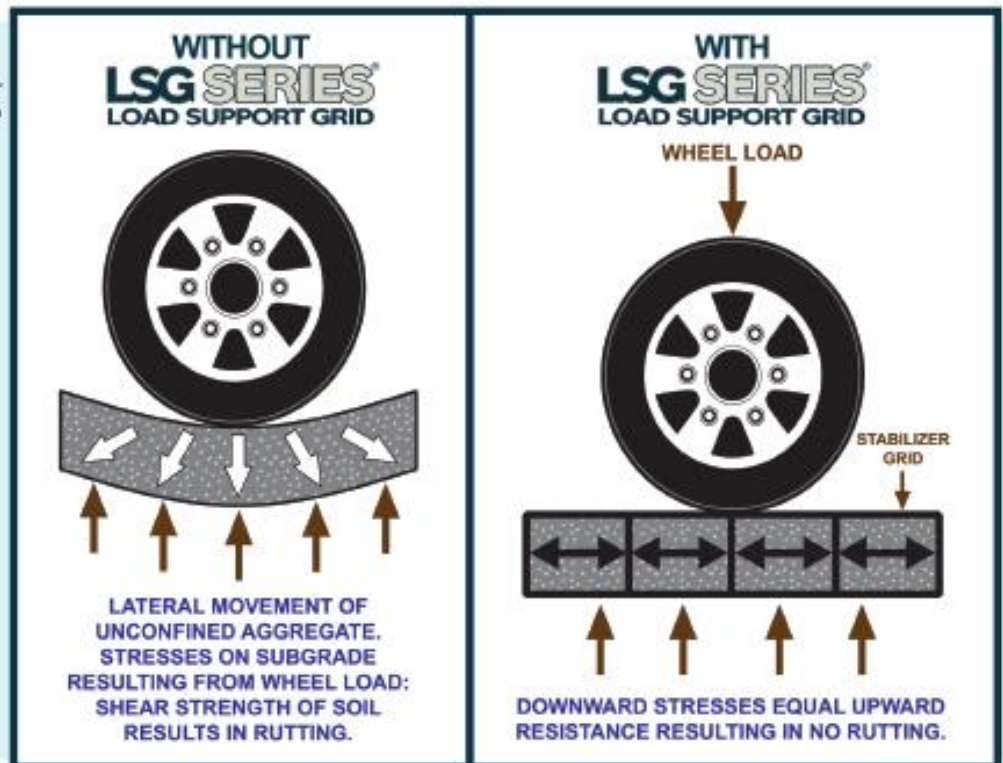
### Pavers

- Pathways
- Patios
- Driveways

### Gravel-Lok<sup>®</sup> (Bonded Gravel)

### Mud Management (farms, horse paddocks)

### Green Roofs

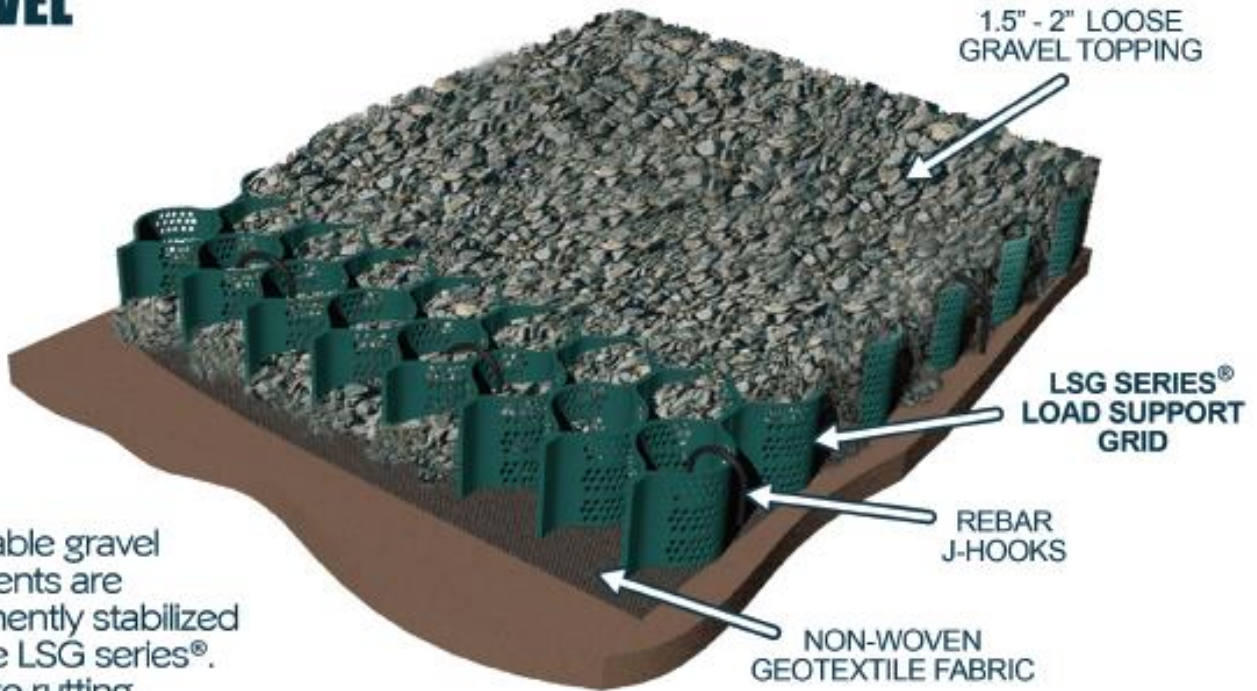


**Reduce Stormwater Runoff • Reduce Base Thickness • Reduce Subgrade Stress**  
**Reduce Installation Costs • Reduce Maintenance • Increase Strength**  
**Increase Load Support • Increase Pavement Life • Increase Performance**

# LSG SERIES<sup>®</sup>

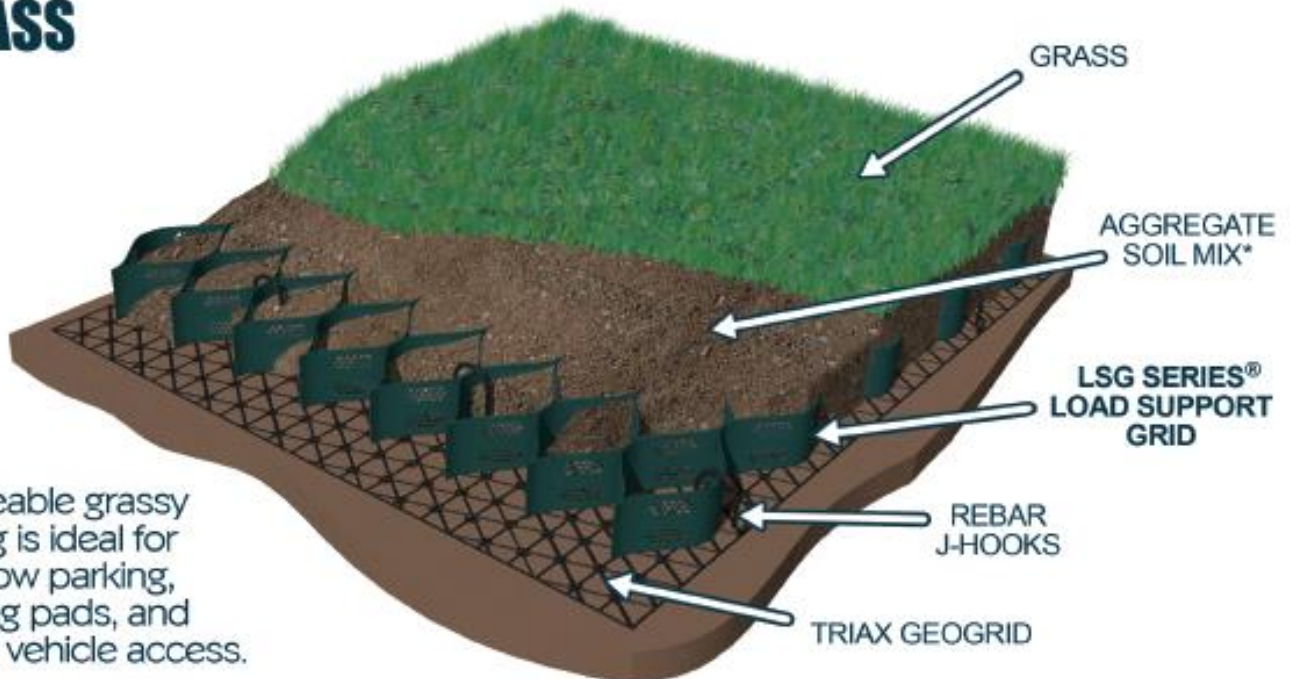
## LOAD SUPPORT GRID

### GRAVEL



Permeable gravel pavements are permanently stabilized with the LSG series<sup>®</sup>. Eliminate rutting.

### GRASS

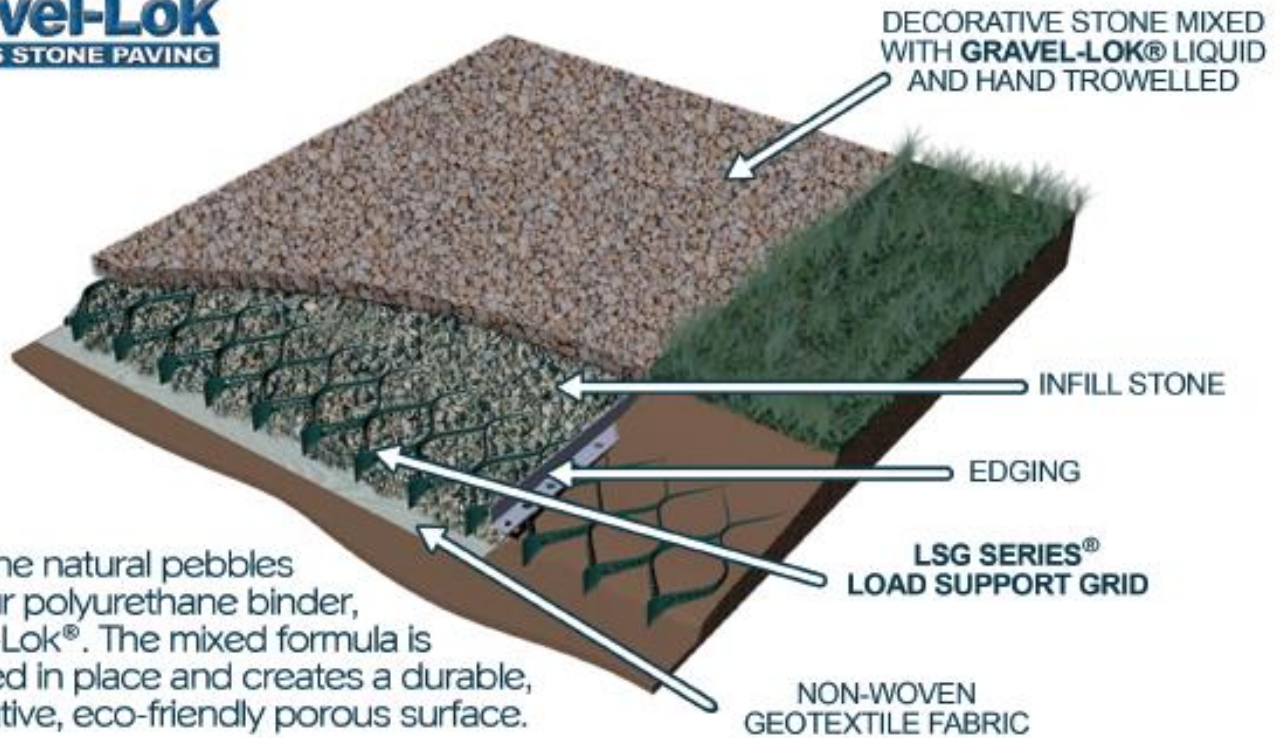


Permeable grassy paving is ideal for overflow parking, parking pads, and heavy vehicle access.

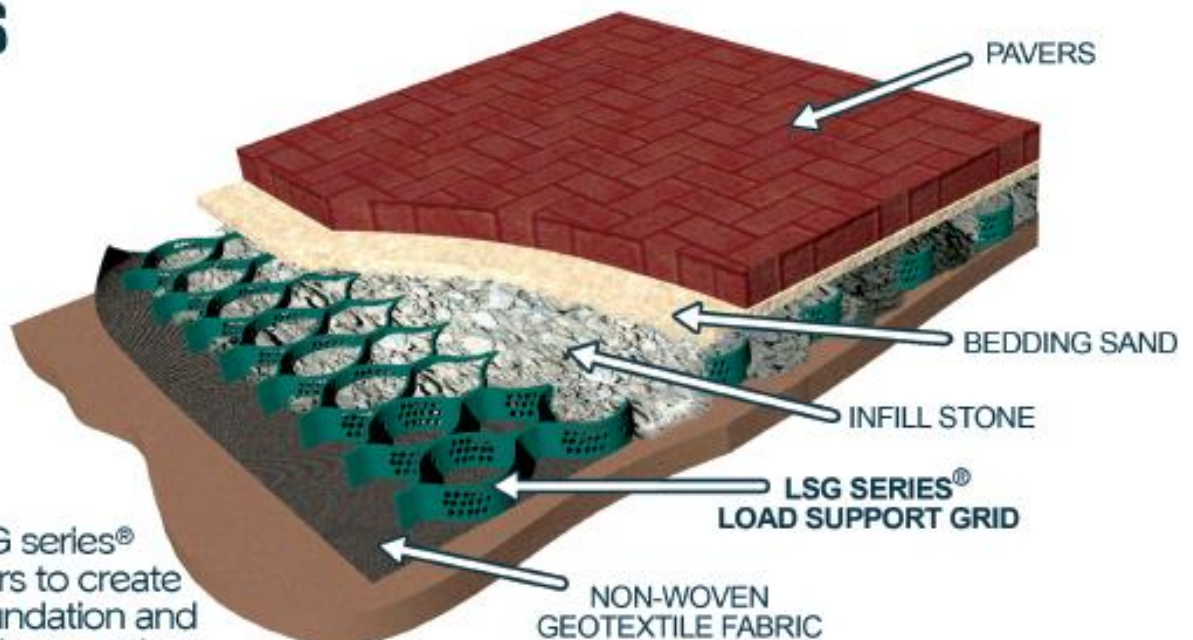
\*Aggregates and soil are mixed for load support and root growth. Ratio varies. Call for details.

# "Makes a great foundation for any surface!"

## Gravel-Lok POROUS STONE PAVING



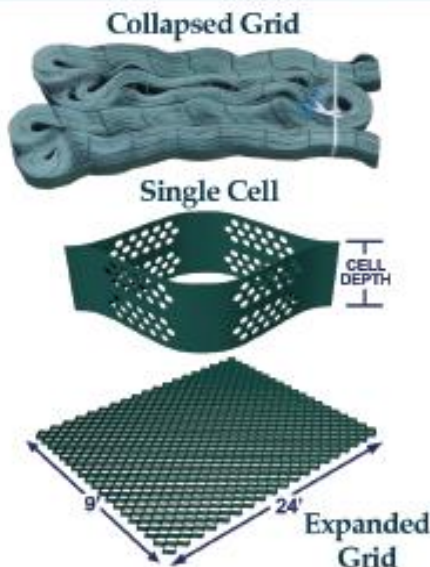
## PAVERS



**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](http://www.celltekdirect.com)



PRODUCTS	CELL DEPTH	DIMENSIONS	AREA/ UNIT	UNITS/ PALLET	TRAFFIC	LOAD DETAILS	APPLICATIONS
<b>LSG-3</b>	3"	9' x 24'	215 SF	24	Pedestrian	8000 lb. Axle Loads: 18kN	Pedestrian Traffic, Walkways, Pathways
<b>LSG-4</b>	4"	9' x 24'	215 SF	18	Cars & Pickup Trucks	H10 Loading 40,000 lb. Axle Loads 75kN	Driveways, Access Roads, Overflow Parking
<b>LSG-6</b>	6"	9' x 24'	215 SF	12	Heavy Trucks & Fire Access	H20 Loading 80,000 lb. Axle Loads 145kN	Ports, Boat Ramps, Access Roads, Driveways, Commercial Applications



PROPERTIES	TEST METHOD	TEST VALUE
Material Composition	ASTM D1505	Polymer, Virgin HDPE Density: 0.9574 g/cm <sup>3</sup>
Nominal Sheet Thickness	ASTM D 5199	1.45 mm
Environmental Stress Cracking	ASTM D1693	> 4500 Hrs.
Stabilizer	ASTM E 682	Hindered amine light stabilizer (HALS) 1.0% by weight
Short Term Seam Peel Strength		3" (75mm) 1065N
		4" (100mm) 1542N
		6" (150mm) 2170N

**WWW.CELLTEKDIRECT.COM**

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