

LSG SERIESTM

LOAD SUPPORT GRID

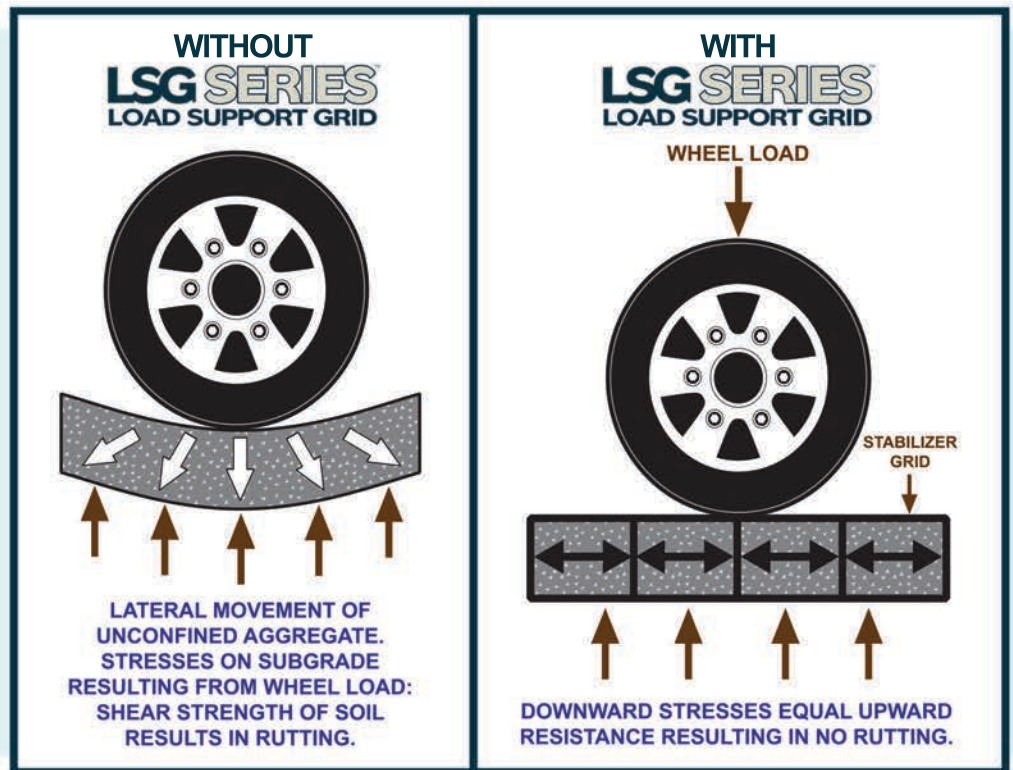
"Saves money and lasts a lifetime!"



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:

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

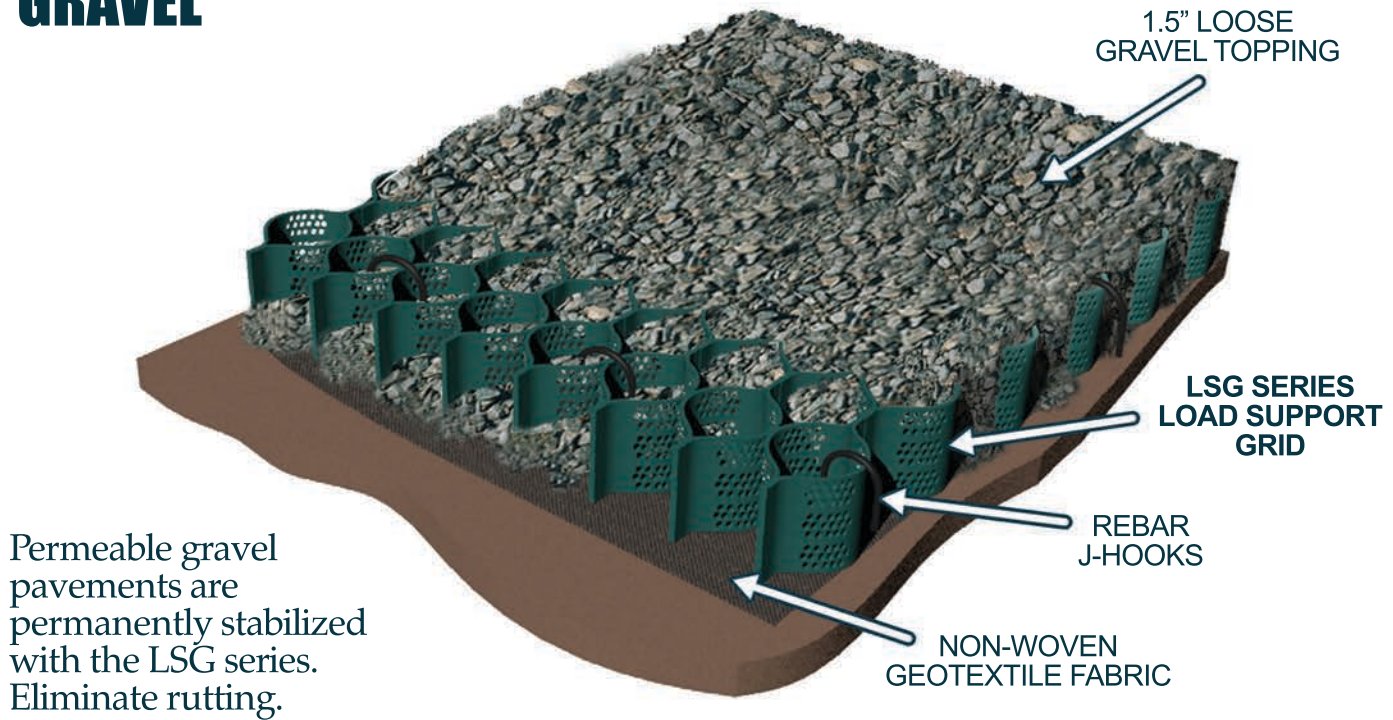


**Reduce Stormwater Runoff • Reduce Base Thickness • Reduce Subgrade Stress
Reduce Installation Costs • Reduce Maintenance • Increase Strength
Increase Load Support • Increase Pavement Life • Increase Performance**

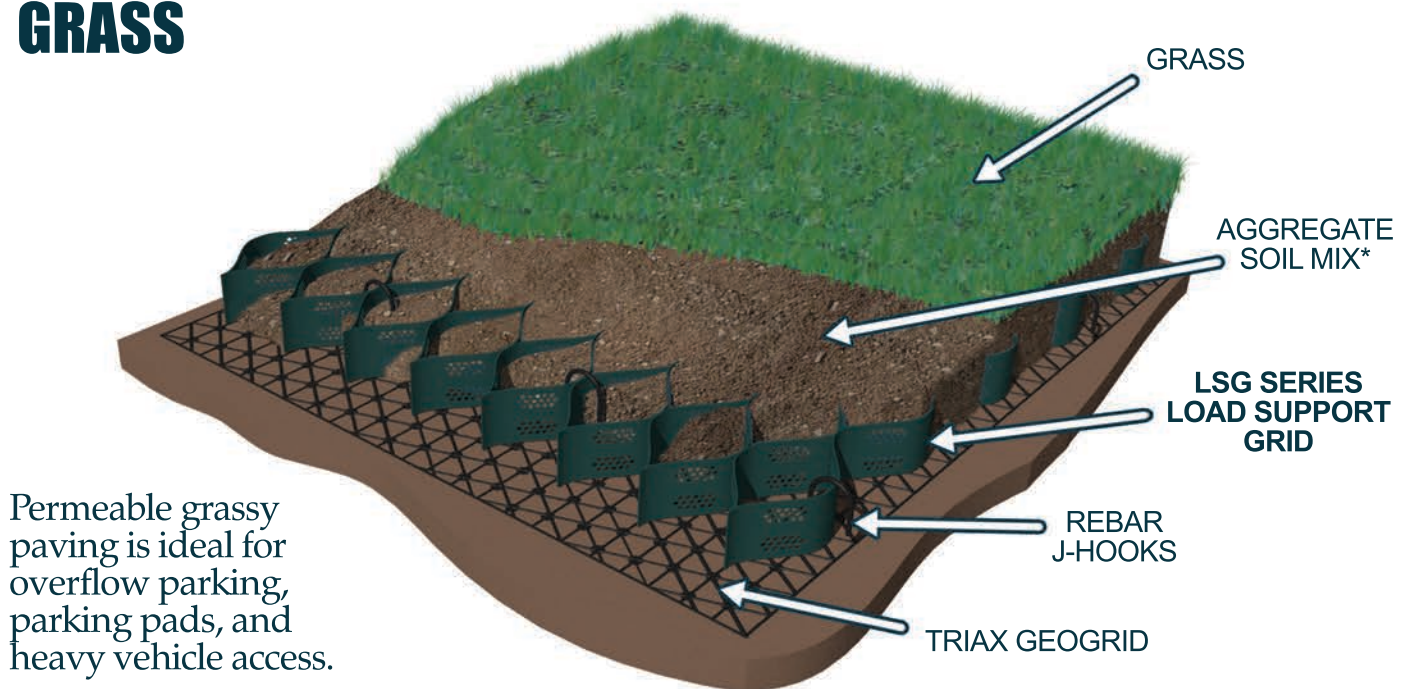
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GRAVEL



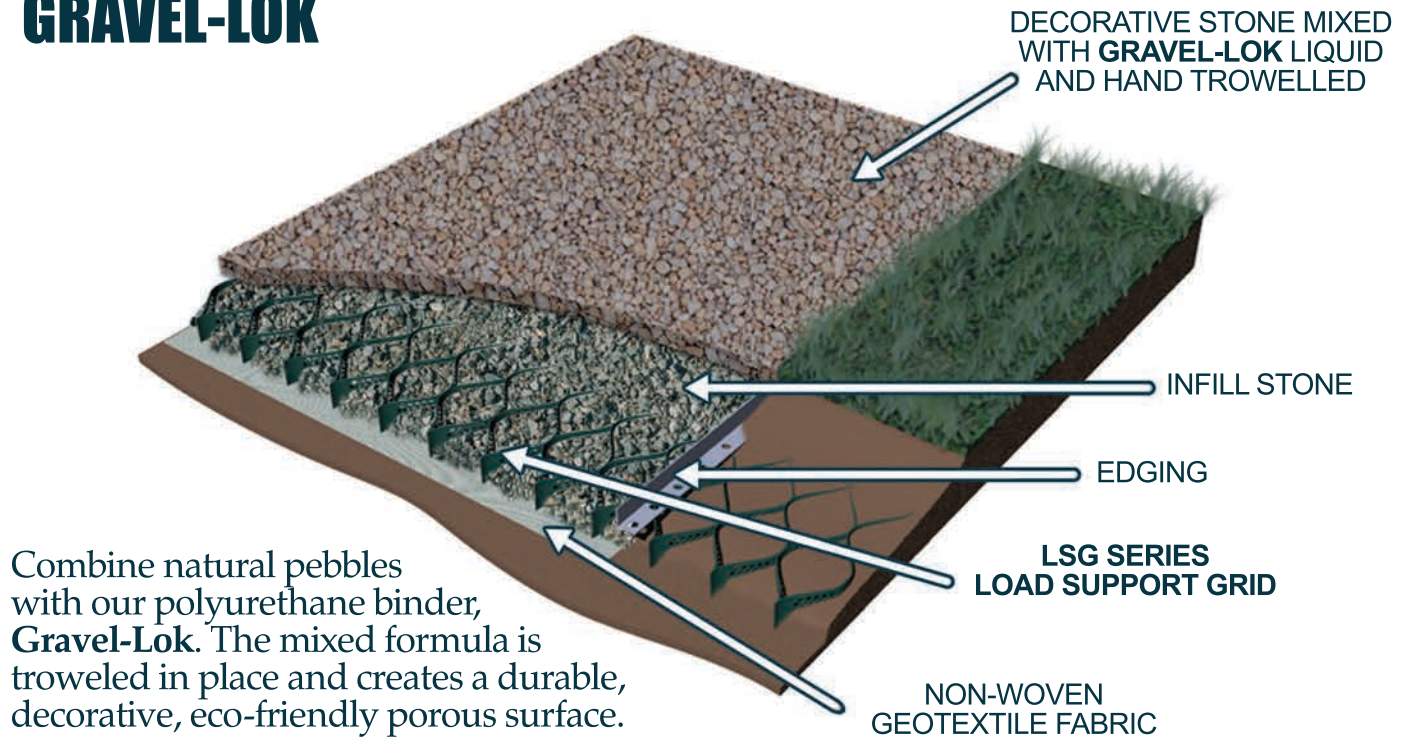
GRASS



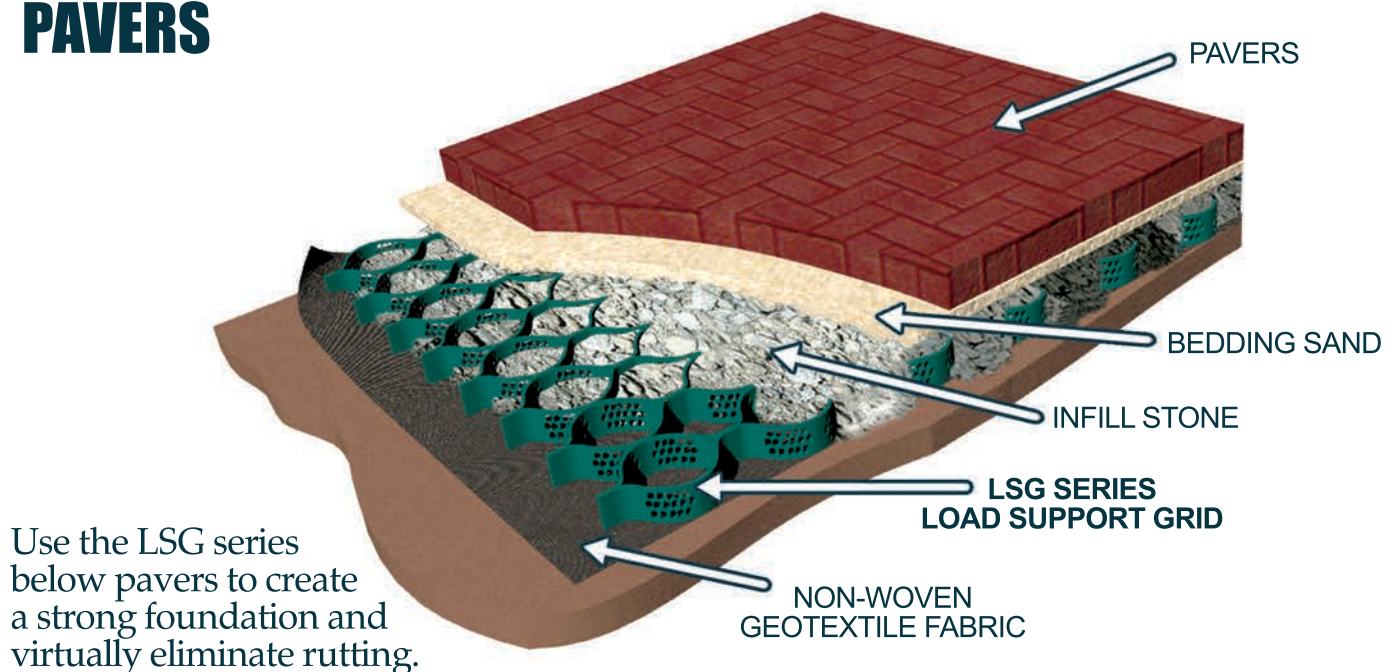
*Aggregates and soil are mixed for load support and root growth. Ratio varies. Call for details.

"Makes a great foundation for any surface!"

GRAVEL-LOK



PAVERS



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

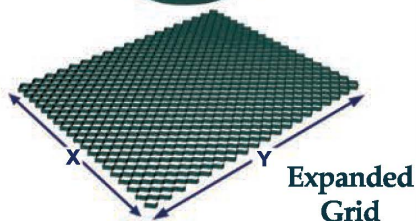


PRODUCTS	CELL DEPTH	DIMENSIONS	AREA/ UNIT	UNITS/ PALLET	TRAFFIC	LOAD DETAILS	APPLICATIONS
LSG-3	3"	9' x 24'	215 SF	24	Pedestrian	8000 lb. Axle Loads: 18kN	Pedestrian Traffic, Walkways, Pathways
LSG-4	4"	9' x 24'	215 SF	18	Cars & Pickup Trucks	H10 Loading 40,000 lb. Axle Loads 75kN	Driveways, Access Roads, Overflow Parking
LSG-6	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

Collapsed Grid



Single Cell



PROPERTIES	TEST METHOD	TEST VALUE
Material Composition	ASTM D1505	Polymer; Virgin HDPE Density: 0.9574 g/cm3
Nominal Sheet Thickness	ASTM D 5199	1.33 mm
Environmental Stress Cracking	ASTM D1693	3500 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



Providing Architects and Builders with
Superior Paving, Decking and Pedestal Products.

Commercial | Luxury Residential | Municipal

Extended Team

We can also provide technical consultation and installation training for projects that involve Buzon Pedestals. Please contact us to discuss your particular needs. HDG Building Materials also has a network of experienced installers in many major cities. Please contact us for introductions or referrals.

Sales Representatives

Sales representatives for HDG Building Materials are located in the Pacific Northwest, Southern California, and Iowa. In Texas, Collier Galvin Associates is ready to serve you.

Outside of those regions? No problem, we are happy to serve. Please contact us at 503.360.9551



The logo for Cell-Tek LLC features the words 'CELL-TEK' in a bold, sans-serif font. To the right of the text is a stylized green leaf-like shape with a small 'TM' symbol above it and 'LLC' below it.

HDG Building Materials is an authorized dealer
for Cell-Tek and Gravel-Lok products.
HDG provides architectural sales and support in
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