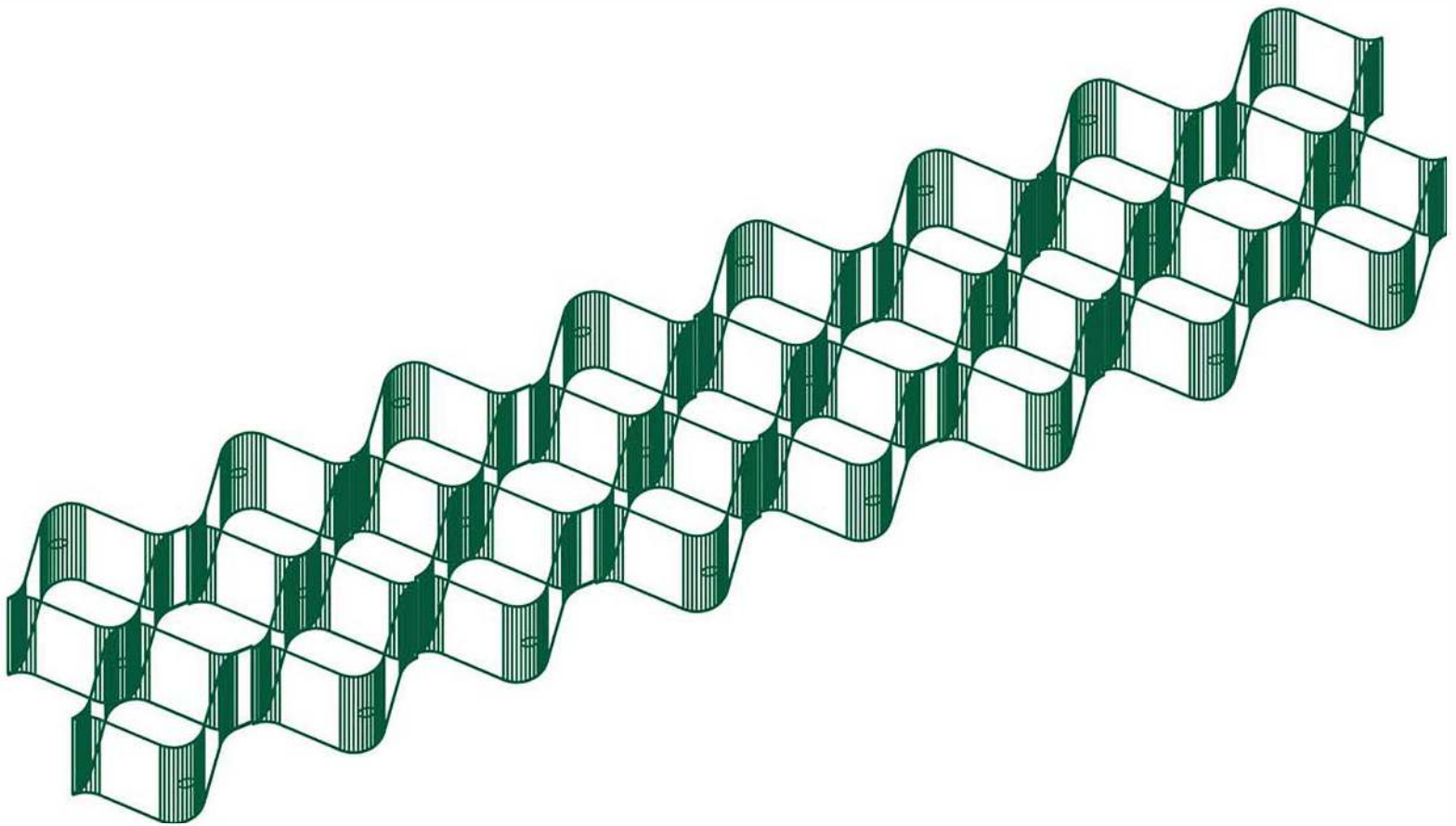


LSG SERIES™

LOAD SUPPORT GRID



INSTALLATION INSTRUCTIONS



Reference Chart

Application	Non-woven Geotextile Underlayment	Cell-Tek Stabilizer Grid	Cell Depth	Infill Type	Overfill Cell By This Amount	Additional Surface Layer If Required	Total Excavation
GRAVEL	YES	LSG-3	3"	#57, #8,7,6,	2"	No Additional Surface Layer Required	5"
		LSG-4	4"	CR-6, RC6,	2"		6"
		LSG-6	6"	#10	2"		8"
PAVERS	YES	LSG-3	3"	#57, #8,7,6,	1"	1" Sand + 2.38" Paver	7.38"
		LSG-4	4"	CR-6, RC6,	1"	1" Sand + 2.38" Paver	8.38"
		LSG-6	6"	#10	1"	1" Sand + 2.38" Paver	10.38"
GRASS	YES	LSG-3	3"	Engineered fill of	1"	2" Grass/Turf	6"
		LSG-4	4"	25-40% Topsoil	1"	2" Grass/Turf	7"
		LSG-6	6"	60-75% Washed Aggregates	1"	2" Grass/Turf	9"

Installation Instructions

1. Lay out job prior to excavation.
2. Remove all vegetation, debris or pavement.
3. Excavate existing soil to appropriate depth (see chart).
4. Prep subgrade. Use gravel to level any areas if desired.



5. Install non-woven geotextile fabric overlapping by a minimum of 12" at the seams.



6. Lay out stakes.
 - 4 stakes should be placed at each corner of expanded Grid dimensions.
 - You should have a stake in each corner.

NOTE: Grid can be cut with any cutting tool to any shape or size as needed to fit the job site.



7. Unpack Grid.
 - Remove bands with any cutting tool.
 - Unfold the Grid.

NOTE: If using more than one piece of Grid refer to back page showing connection instructions



8. Expand Stabilizer Grid past each stake to uniformly expand all cells and then relax the Grid allowing the corner cells to be placed over installed stakes. Add stakes as necessary.



9. Continue to add stakes or simply fill gravel in perimeter cells as needed to ensure proper expansion.



10. Begin filling cells with infill (see chart for specified material).
- To prevent any damage to the Grid, limit the drop height of infill to no more than 3ft.



11. Machine infill.
- It is safe to drive on cells that have been completely filled.



CAUTION: Do not twist machine tracks on Grid.

12. Rake or blade compact the infill to specified dimensions over top of cells (see chart for dimensions).



13. Compact infill with a plate compactor or a plate tamper.



COMPLETED:
Gravel-Tek Installation

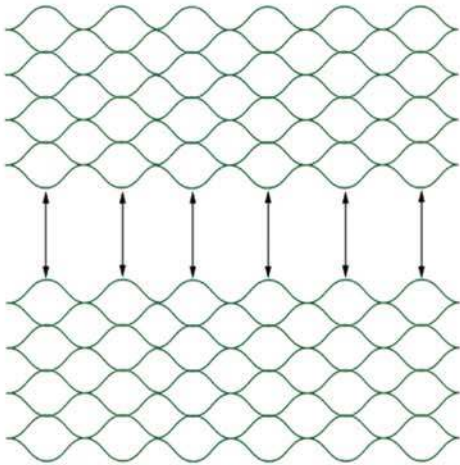
For Paver Installation

- Continue with desired method:
- Traditional method: screed sand and lay pavers.
- Permeable method: lay permeable pavers.

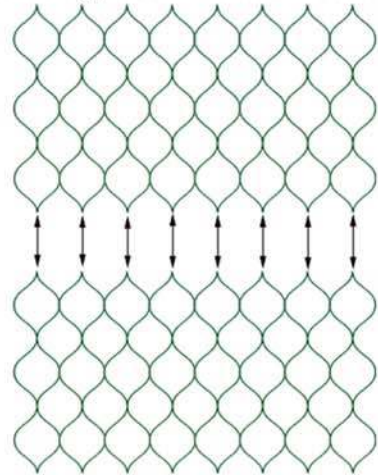


Stabilizer Grid Connection

Connection Type 1 - Cell Wall to Cell Wall



Connection Type 2 - Weld End to Weld End



Pneumatic Stapler

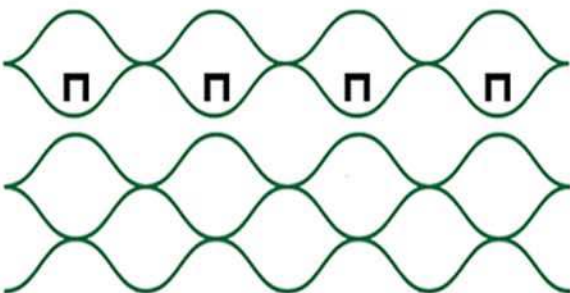


OR



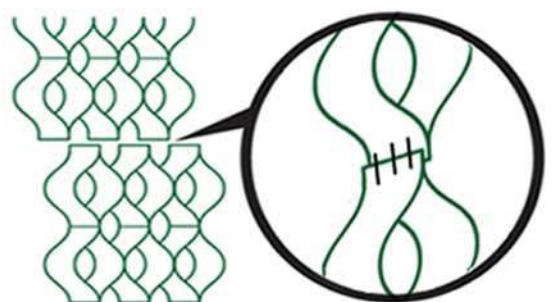
Hand Held Stapler

Type 1 - Cell Wall Connection



- Use heavy duty staples

Type 2 - Weld End Connection





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