

General Installation Instructions for *StabiliGrid*™

for specific instructions on your project, please contact us directly!

Filling Materials The grids may be filled with a wide range of materials. For grass vehicular surfaces (parking and roadways) we recommend sand/humus mixtures (approx. 60/40 ratio). The grids may be filled to within approximately 1/4" below the tops of the cells.

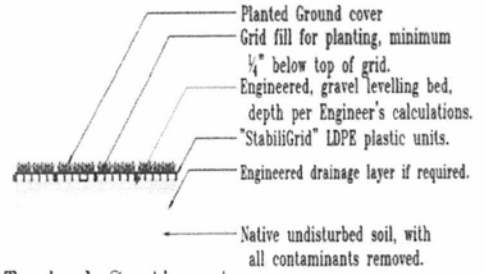
Types of Grids You may choose *StabiliGrid*™ M/D or H/D, according to your intended use. These have been developed and optimized, providing an ideal solution for soil stabilization or ground reinforcement problems. Feel free to ask us, we'll be happy to suggest products and installations.

Leveling Layer To level any possible unevenness in the base or drainage layer below the grids, the system requires a layer of 5/8" - 3/4" size clean crushed gravel (minimum depth of 1"). This surface of this layer should be made smooth before the grids are applied on top of this leveling layer. **Gradient:** it is not necessary to crown or slope the surface in order to direct runoff - *no runoff is created when properly installed.*

Drainage Layer (if required) To ensure optimum drainage, 5/8" to 3/4" clean or washed crushed stone should be used as a base. It is important to use a hard crushed stone such as granite (softer stones may break and degrade, becoming impervious to drainage). The drainage layer should be about 1" to 2" deep. **NOTE:** The depth of this drainage layer may require compliance with local standards (for cars or trucks etc.), following the applicable regulations for roadway, parking or sidewalk construction.

Installation: A typical, properly installed *StabiliGrid*™ System for roadways/traffic areas:

- (1) remove mud or other debris until a stable, well-draining sub-surface is exposed.
- (2) grade sub-surface smooth (with a slight slope away from the area if possible, although this is not required).
- (3) place a minimum of 3 inches of 5/8" to 3/4" clean/clear crushed angular rock in the area. Spread evenly, then compress the area with a vibrating plate compactor.
- (4) starting at one end or side, place *StabiliGrid*™ product in place and interlock them by lining them up and gently stepping on them to lock them together.
- (5) fill *StabiliGrid*™ with pea-gravel or similar 1/2" or smaller gravel, and lightly compact using the landscape drum roller or plate tamper.

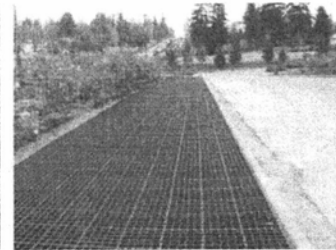
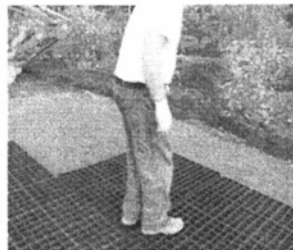
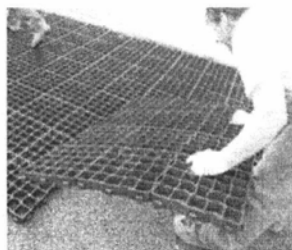
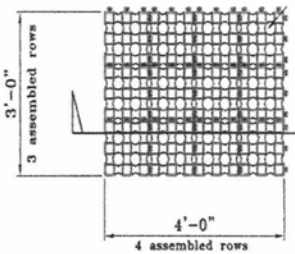


Typical Section A

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Step1: We've already saved you some work. 12 Individual grids are pre-connected in easy-to-install units. This means you may install 12 grids at a time.

Step2: The rows are placed up against the already installed grids, and the grid-locking tabs and slots are aligned.

Step3: You may now snap the 12-piece layer into place with your foot. **No special training and no special equipment required.**

Step4: Done in a flash! - the grids are locked into place and anchored. This rules out the possibility of raised edges or migration.

www.stabiligrid.com | www.stabiligrid.net | info@ecoterr.com | Phone: (425) 657-7958 | FAX: (425) 391-4890

Environmentally Friendly; Ecologically Sound; Ground Water Neutral (inert compounds); Non-toxic to animals, plants and microorganisms; UV-Stabilized; Ecological Compatibility
For driveways, parking, slope stabilization and green roofing!

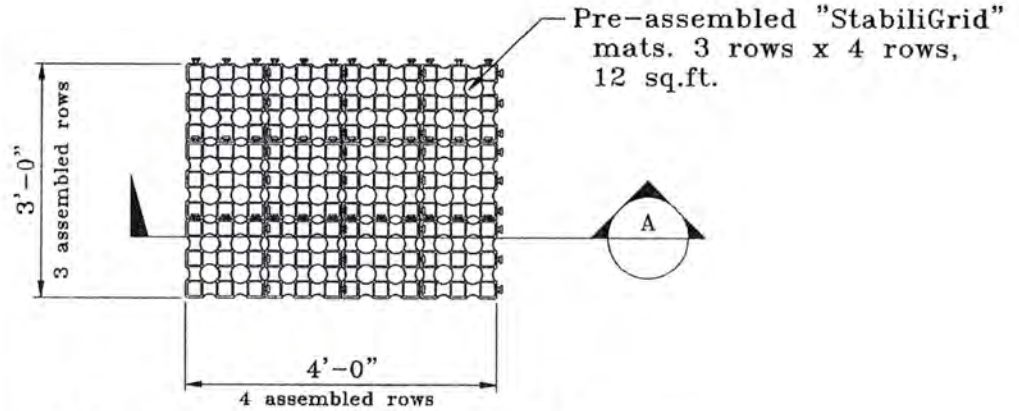
general reference information only, not intended for construction specification

Material Specifications:

StabiliGrid™ HD2.0

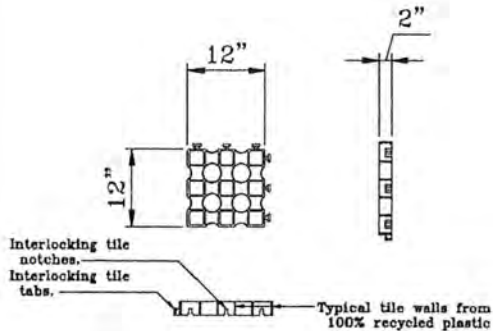
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| | |
|-------------------------------|--|
| Material: | 100% Recycled Polyethylene (PE) |
| Standard Color: | Black |
| Dimensions: | 12"x 12"x 2" |
| Porosity: | 82% Open, before filling |
| Cell size: | 2.1" avg. (5.33cm) |
| Wall thickness I/O: | 0.215" (0.55cm) |
| Weight/piece: | 2.2 lbs./piece (1.0 kg/piece) |
| Weight/assembly mat: | 26.4 lbs/12 piece mat (11.97 kg/m ²) |
| Compressive strength: | >35 UStons/ft ² (341 metric tons/m ²) |
| Load Capacity: | >35 UStons/axle (31.75 MT/axle) |
| Stability of Shape: | -58°F to +194°F (-50°C to +90°C) |
| Chemical Resistance: | Resistant against acid and leaching compounds, alcohol, or similar solvents. |
| Coverage/piece: | 1.00/ft ² (0.09 m ²) |
| Coverage/assembly mat: | 12.00/ft ² (1.11 m ²) |
| Installation rate: | up to 1,000 ft ² /man-hour |



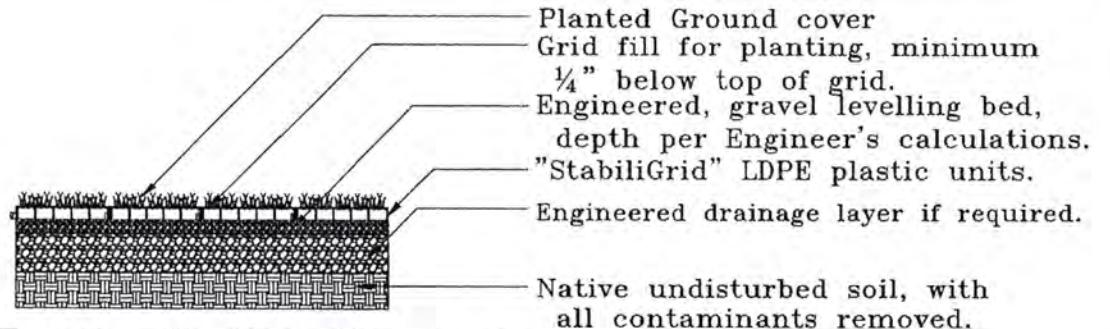
Pre-assembled Mats

no scale



Typical Grid Tile

no scale



Typical Section A

no scale