

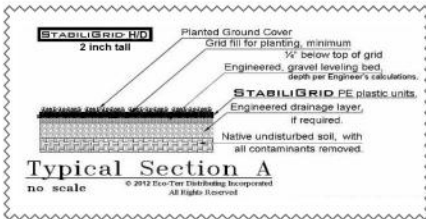
Product Name:

Branded as **StabiliGrid™ H/D2.0** in the USA and Canada

Made in the USA

Product Description:

**self connecting gridtile ; 12" x 12" x 2.0 inchestall**  
**made of durable elastic high-pressure recycled polyethylene (PE)**



The grid tiles are resistant to fracture (flexible from -50 to + 90 C || -58 to +194 F)  
resistant to UV and freezing  
resistant to ammonia, acids, street salt, asphalt, gasoline and petroleum distillates. 100% recyclable.

*StabiliGrid™ H/D2.0* is safe to use around ground water and plants.

### Suggested Applications



- ▶ Fire Department & Emergency Access
- ▶ Loading zones and airport parking
- ▶ Porous paving - vehicular or pedestrian traffic surfaces
- ▶ Pervious Parking - green grass parking lots
- ▶ Pervious Parking - natural crushed gravel roadways and driveways.
- ▶ Grass Reinforcement - prevention of damage to root structures from pedestrian or vehicular traffic

Installation:

**STABILIGRID™ H/D2.0** may be "cut to fit" at the installation site quickly and free of problems, pre-cutting is not required. They may be cut with an angle grinder or circular saw, for small jobs with the compass saw or handsaw and the like.

For more information, please refer to:

Demonstrations, examples » [www.stabiligrid.net](http://www.stabiligrid.net)  
More technical information (for design/build users) >> [www.stabiligrid.com](http://www.stabiligrid.com)  
Brochures, other media » [www.ecoterr.com/eco-terr.com](http://www.ecoterr.com/eco-terr.com)



*The following typical, generic installation information is provided for illustration purposes only.*

*The following are provided only as concepts and guidelines.*

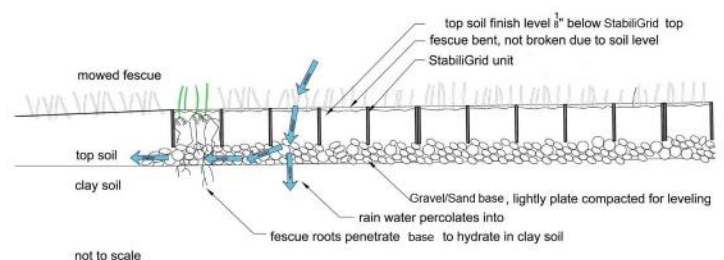
*These are not provided as site-specific installation instructions.*

*Please request information concerning your project*

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### StabiliGrid Detail

installation graphic  
downward sloping driveway edge



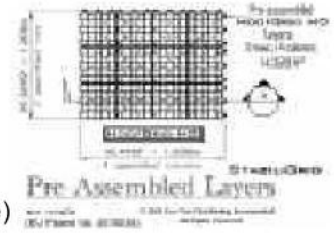
**Technical Information:**

# STABILIGRID™ SGRID™

\* According to current state of knowledge without claim to completeness.

**StabiliGrid™ H/D2.0**

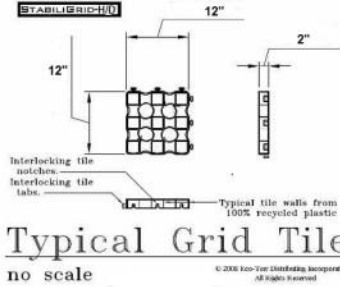
Dimensions: 12 in x 12 in x 2.0 in  
(30.48 x 30.48 x 5.08 cm)  
Cell width: 2.1 inches avg. (5.33 cm)  
**Porosity:** 82% Open  
Wall thickness I/O: 0.215 / 0.215 inches  
Weight: 2.15 lbs/ft² (10.54 kg/m²)  
Load Bearing Capacity: 35 tons/axle (31.75 mt/axle)



Compressive Strength: in excess of 35 US tons/ft² (341 mt/m²)

Standard color: black

**Material:** 100% PE base material (Polyethylene) [ $<5\%$  pigment, Anti-UV, carrier agents, etc.]



Colorant: Coloring by means of 1-3% pigment, UV-Stabilized  
Stability of shape: Temperatures from -58 to +194 F (-50 - +90 C)  
Change of Shape:  $<0.5\%$  (at median temperature +68 to +176 F)  
Absorption of moisture: 0.01%  
Environmental compatibility: harmless to plants, soil, air and water microorganisms, groundwater neutral  
Solubility: Resistant to acids and solutions (salt, Ammonia, acidrain, etc.) as well as alcohol.

Guaranteed resistance to pressure of the surface: 35 US Tons / ft² || 341 mt/m²

Delivery form: 12 pcs per sheet ("layer" on pallet)  
Installation speed: 1,000 ft²/man-hour

**Ground Preparation:** (generic, not site-specific):



**Depends upon site condition: LOCAL conditions and usage will prevail.**

- ▶ **Drainage - if required:** Construct a drainage layer using 5/8" - 1.5" clean angular rock (a.k.a. "ASTM 57 Clean", 5mm to 38mm diameter).
  - ▶ Depth of this layer will depend upon the local soil type, ground condition and climate. From 2 - 24" depth (5-61 cm)
- ▶ **Subbase:** Introduce an equalizing ("leveling") layer of 5/8" - 3/4" diameter clean/washed, angular gravel. Depth of this layer should be a minimum of 2-4 inches (5 to 10 cm) gravel/sandy soil mix (60/40) is used for grass applications
- ▶ Lay out the pre-assembled 12-piece layers of grids, snap them together and consolidate by tamping with plate vibrator or heavy cylinder.

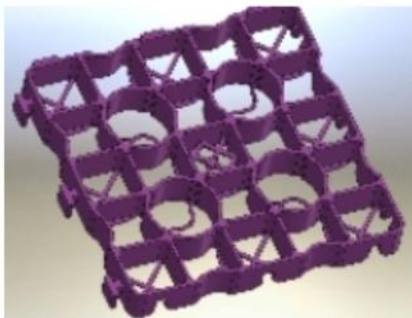


**Installation:**

**Backfill:**

- ▶ For backfill, an angular or round medium may be used.
- ▶ Fill the open cells with 1/2" diameter or smaller clean, washed gravel.

**Finished Surface:**



- ▶ An overfill may be used, but it is not required.
- ▶ An overfill is not advised or specified: for pervious paving applications.
- ▶ For backfilling, and for the overfill/topcover, a rounded clean stone ("pea gravel," "coarse grit" or "buckshot") may also be used.
- ▶ The size of the backfill medium should be sufficient to preserve drainage (sufficient void space), and to resist migration (due to wind or water), while remaining small enough to work easily using hand tools.

**Delivery:** StabiliGrid™ H/D2.0

Pallet= 540 ft² (50.17 m²) = 45 layers (1 layer = 12 pieces) = 540 pieces/Pallet

**Pack dimensions**

Dimensions of pallets: 37 x 49 x 96 inches (93.98 x 124.46 x 243.84 cm )  
Approx. Weight of Pallets: = 1,210 lbs/pallet (548.85 kg/pallet )  
Contents of Truckload : = varies per carrier (20 or more pallets/load typ.)

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