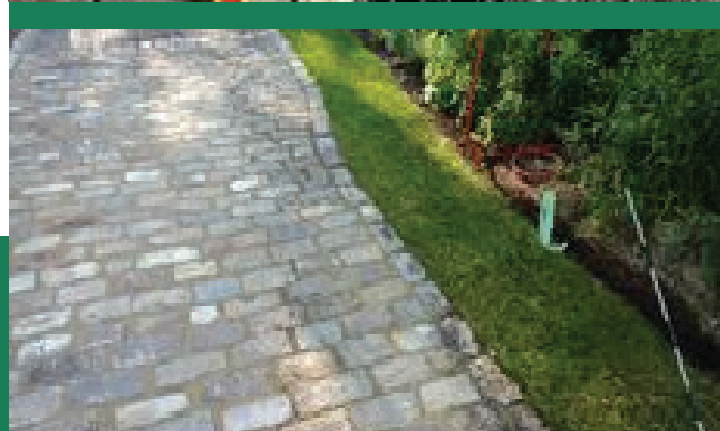
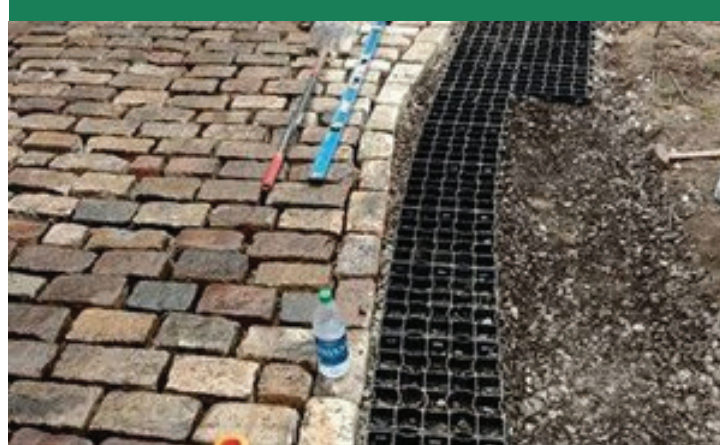




Silca® SoilGrid Benefits

- Up to 50% base reduction in excavation
- Up to 30% labor cost savings
- Wider pin-point load dispersal
- Reduced warranty call-backs from shifting & sinking
- Reduced settling issues
- Heavy-duty and permeable base stabilization
- Complete installations support vehicle traffic
- Easily installed interlocking system
- Comes in pre-connected sheets 52" x 39" for fast installation
- Each grid is 13" x 13" x 1 1/2" thick (1.17 sq ft)
- The elements are delivered in "layers". One layer is 14.32 sq ft. A layer consists of 12 single soil grids, 4 grid by 3 grid. 71 layers per pallet (1,016.4 sq. ft).
- Easy and quick installation
- Installation without heavy construction equipment
- Permeable ground reinforcement
- Low transport & handling costs

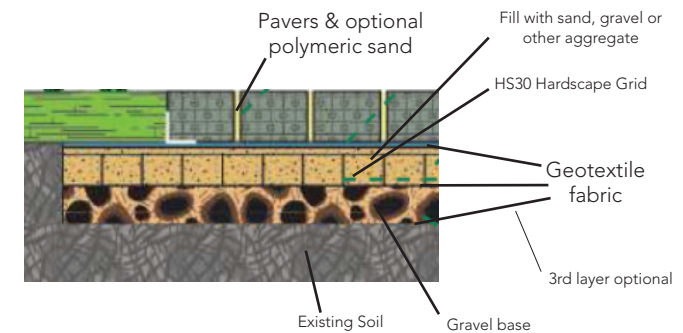


Silca® SoilGrid Guide



Silca® SoilGrid HS30 Hardscape Grid

Save money and time on your substructure. The HS30 is a heavy duty linking grid system that allows you to build stronger hardscapes by stabilizing the base material.



Have questions?

Give us a call: 330.821.1585

Visit us online: stonedeks.com

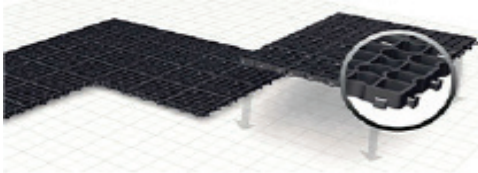


Made from recycled material



Installation

Silca® SoilGrid can be installed quickly and easily without heavy construction equipment. The elements are delivered in "layers". One layer is 14.32 sq ft. A layer consists of 12 single soil grids, 4 grid by 3 grid. Large areas can be installed in a single operation directly from the pallet as the weight of a layer is low and the interlocking mechanism works quickly and easily.



- Excavate base to ½ of ICPI or local building code recommendations, this will vary depending on your soil conditions
- Install geotextile fabric
- Install aggregate base and compact
- Install second layer of geotextile fabric

Installing the Pre-Assembled Layers

- Install Silca Soil Grid. Start installation at a corner of the area. Make sure the interlocking notches point outward toward the direction of the further area to be installed. The next layers are simply connected to the notches of the already installed Silca® SoilGrid elements. To achieve a straight result, we recommend using a guideline along the outside of the area.
- Fill with sand, gravel, or other small aggregate and compact
- Install third layer of geotextile fabric
- Install pavers and polymeric sand

Disassembly

The pre-assembled layers can be disconnected if needed. Put the layer you want to separate on top of another layer, the edge along the area you want to split up. Push the upper layer (the one you want to separate) down using your foot. Enough force will loosen the safety interlocking system notches.

Adapt -- Cut to Size

For quick and clean cutting of Silca® SoilGrid, the following tools have proven themselves in practice:

- Portable circular saw
 - Cutting disc
 - Jigsaw
- Crosscut saw



Frequently Asked Questions

Can I use the Silca® SoilGrid for my driveway?

Yes, you can use the Silca® SoilGrid for light vehicle traffic. However, it is not recommended to drive on porcelain pavers on Silca® SoilGrid.

Is the Silca® SoilGrid Durable?

Silca® SoilGrid comes with a 20-year warranty and the best possible value. Our system is made of 100% recycled LDPE (also recyclable), heavy-duty, weatherproof and UV-resistant.

Do I have to install an edging?

Edging for pavers can be installed on the surface of the soil grid. The structure of the Silca® SoilGrid incorporates integral expansions joints which make an edging unnecessary for the grid. We suggest leaving a 2 inch space between the Silca® SoilGrid and the fixed border which also acts as an expansion joint (see diagram on front cover)

Is a Silca® SoilGrid area considered "permeable"?

More than 95% of the Silca® SoilGrid surface is permeable/open, so surface water cannot accumulate. Local authorities may declare "permeability" in order to save taxes or fees.

Questions?

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Silca® SoilGrid can be used for residential and commercial applications