

ECOGRID POROUS PAVERS

A permeable paving, ground support and stabilisation solution ideal for the reinforcement of footpaths, car parks, shed foundations and more.

Specifications

Size:	330mm [L] x 330mm [W] Thickness E30: 30mm/ E40: 40mm / E50: 50mm
Weight:	E30: 0.5Kg / E40: 0.52Kg / E50: 0.58Kg per grid
Load:	Maximum tonnage per sqm (filled) E30: 250 tonnes / E40: 500 tonnes / E50: 1000 tonnes
Material:	100% Recycled Material, which is also 100% recyclable
Features:	<ul style="list-style-type: none"> ○ 3 different options to choose from ○ Patented locking and connection system ○ Withstands high amounts of pressure ○ 20 years manufacturers warranty ○ Environmentally friendly ○ Excellent water drainage ○ UV stabilised and CE certified ○ Not affected by extreme weather conditions
Preventative:	Reduces problems of erosion and rainwater runoff with permeable paving
Preparation:	Site survey recommended. Check for level ground near surrounding kerbs and edges
Storage:	Can be palletised
Accessories:	Ground anchors or J-pins



Per 15 sqm of grids - approximately 1 tonne of stones needed (depending on infill type)

Delivery

We hold most stock, so whether you require same/next day or standard delivery, here are the options to receive products.



Same day*



Next day*



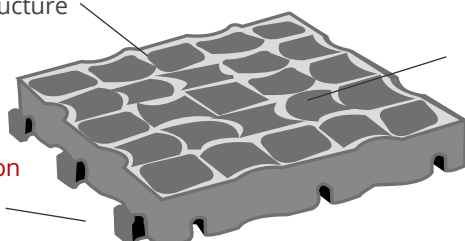
Standard 3 days

Typical enquiries handled within 1 hour from receiving your call.

* Depending on stock availability when placing order

■ Rigid tension ■ Surface ■ Connection

Main Structure



Fill with stone/grass seed and more.

Connection Latches

- Car Parks / Driveways
- Landscaping
- Military Sites
- Agriculture



max 250 - 1000 tonnes/m²



Lightweight Grid types



Purpose

- ✓ Ground support and stabilisation solution
- ✓ Substitution for paving stones, asphalt and concrete

Additional Products

Accessories available at an additional cost such as the Elite Edging System, Bay Markers and woven/non-woven Geotextile Membrane.

As an alternative option, please take a look at our [Elite Grass Grid](#) or [Elite GP-Flex®](#).

Contact Us

 elite-gss.com

 sales@elite-gss.com

Installation Guide

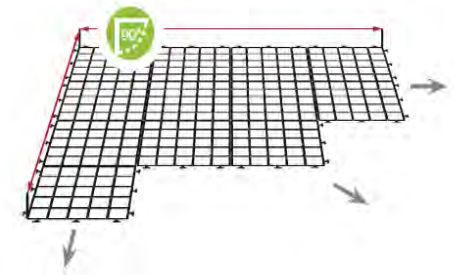
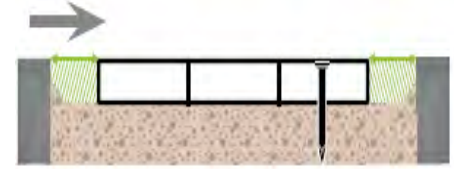
Step 1 - Preparation

Before installation, please ensure that you have the correct number of grids and equipment available.

If there are kerbstones on site, ensure that a gap of 5cm minimum is left for expansion. Please note that the EcoGrid should be laid level to surrounding kerbs and edges.

To avoid surface distortion at the edges caused by shear forces of vehicles, the EcoGrid can be fixed with ground anchors.

*Ground Anchors are needed. As an alternative to J pins, you may also press down the rear section of the grid.



Step 2- Laying

To lay the grids, start in one corner of a wall or building and work out to the ingress/egress point or set a string-line to ensure a 90° angle to the house or building.

*NEVER lay from two different directions as this will create problems ensuring the sections join correctly.

Step 3 - Installation

The pre-connected sheets can be taken apart if necessary, place a line of grids, piece of timber or screed rail under the male side of the grids and press firmly down on the female side. It may also be necessary to ensure that the grids are kept close together to minimise the effect of the safety locking system. Once connected, simply finish with your desired fill.



Advice - Cutting to size

It is very easy to cut the grids. The ideal method is to use an angle grinder, which will cut at a walking pace. A circular or jigsaw can also be used as can a handsaw, although progress would be slow.

Installation timings



1 person required



Single line connection in 2 mins



Grid connection in less than 5 mins



330m² area in approx. 2 hours (depending on ground conditions and site layout)



When driving on the grids, do not drive more than 5mph



Eco-friendly and long lasting

100% Recycled Material, which is also 100% Recyclable

Need to Natter?

0800 622 6838

elite-gss.com

News, insights and events

Product reviews and offers, answered questions and discussion tips

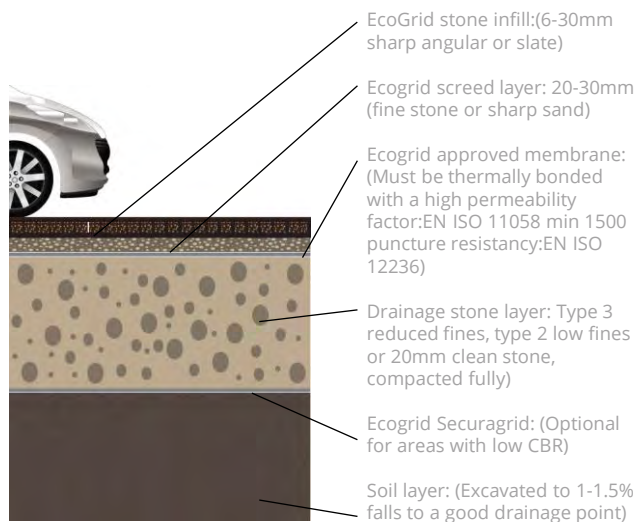
Shared business and industry information

'How to' use our products, installations and vlogs

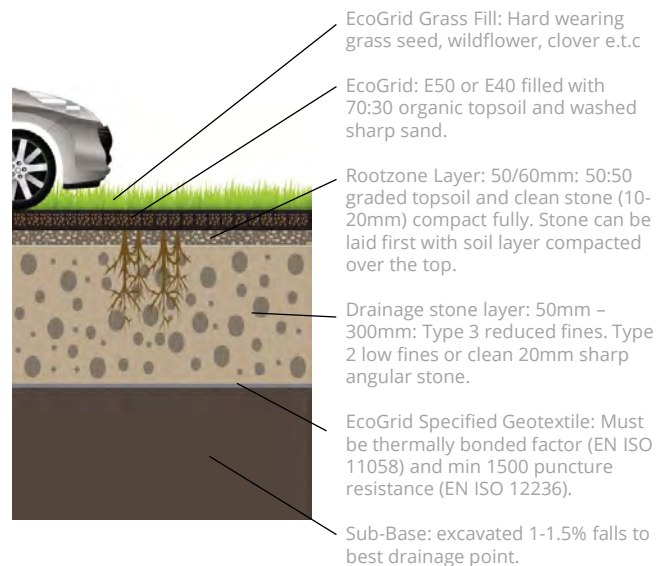


Infill Guide and Top Tips

Gravel Filling



Grass Filling



- ✓ If it's likely that heavy goods vehicles will be performing tight turns on an EcoGrid surface, it is advised that the grid system is over-filled by a maximum of 20mm to counteract a high degree of lateral loading
- ✓ A hand pulled rake can be used to keep areas tidy, for larger areas a mechanical sweeper can be used.



- ✓ If heavy goods vehicles are to perform tight turns on an EcoGrid surface, we do not advise a grass fill
- ✓ Seed options are available to reduce maintenance. Clover and Camomile are also good fill mediums as are a variety of wildflower seeds.



Applicable for both types of infill.

- ✓ Standard construction techniques with regard to expansion and contraction joints should always be observed. EcoGrid can expand in hot weather conditions.
- ✓ Do not lay from different areas as this may cause the jointing pattern to be offset. Do not fill the grids until the whole installation is complete. This can cause spreading and make successive jointing difficult.



EcoGrid Porous Pavers

A cost effective and environmentally friendly substitute for paving stones, asphalt and concrete.

Once installed, they can be filled and finished with a choice of mixtures, ranging from pea shingle, decorative stone, or if required a soil and grass mix.



Additional Information

Our EcoGrid Porous Pavers are often used for ground support and stabilisation and are ideal for use when integrate into any Sustainable Urban Drainage System (SUDS). These are perfect for not only light applications but also medium and heavy duty!

In order to help retain gravel infill and provide a clean aesthetic finish our Elite Grass Grid Edging System can be supplied at an additional cost.

This product is available in Black, Green and Terracotta, other colours are available subject to minimum order quantities.

EcoGrid costs up to 25% more on average than cheap imitations, however, EcoGrid Porous Pavers will last 500+ % longer...so, to coin a phrase, it's a `no brainer' really!

The EcoGrid Porous Pavers simple latch design allows for each grid to be connected quickly and efficiently, no specialist lifting equipment is required.



[CLICK HERE TO PLAY VIDEO OF ECOGRID FILLED WITH GRAVEL](#)

Handling and Storage

EcoGrid Porous Pavers are delivered to site 50sqm per pallet and banded with polyester strips. Pallets are incorporated into the packaging to aid the use of mechanical handling with apparatus such as fork-lifts and lifting booms with slings.

The EcoGrid Porous Pavers should be stored in original packaging on a flat, solid and free draining storage area and we recommend the banding should not be removed when storing them, unless when safely positioned at ground level or until ready for use.

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We advise for special care to be taken in the initial ground preparation before the grids are installed, this will ensure a perfect finish at the end of the project.

A site survey is also recommended. The weight load distribution performance of the EcoGrid Porous Pavers are subject solely to ground conditions, the weight and type of vehicle or plant.

Elite GSS Ltd accepts no liability whatsoever from any damage, loss or injury arising from the installation and ground conditions on which these products are used.

Elite GSS Ltd, it's agents or employees are not liable for any damage to the existing ground or property through the use of the EcoGrid Porous Pavers.

Additional information

[Product Guide](#)

[Elite Products Brochure](#)

