

CellPave™ 40

Interlocking cellular paving grid system



CellPave™ 40 permeable paving grids are an interlocking cellular paving grid system for grass and ground reinforcement.

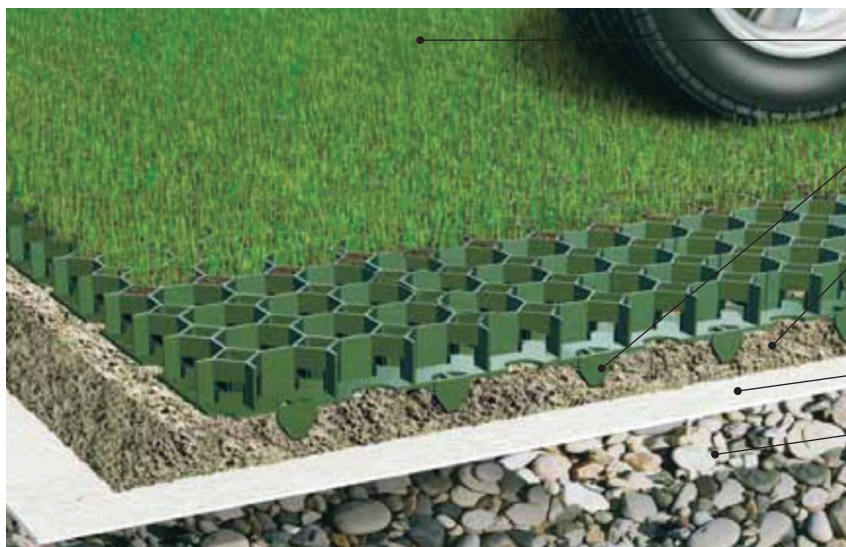
Manufactured from 100% recycled HDPE plastic, CellPave™ 40 permeable grass and gravel plastic pavers are 500mm². The pavers are a cost-effective solution to worn and rutted grassed areas, displaced gravel and for source control of surface water run-off. CellPave™ 40 paving grids are designed to be installed onto a well prepared, free-draining and relatively even surface using either a reduced-dig system or by employing a full sub-base construction, incorporating a geogrid reinforcement layer.

Applications

- Driveways
- Private parking spaces
- Carports
- Storage areas
- Garden paths
- Strengthening pavements
- Securing slopes
- Protecting streams and river banks



Recommendation for Laying and Greening



Honeycomb Structure: Showing soil infill

CellPave™ 40 Paving Grid: With 25mm ground spike

Bedding layer: chippings/sand mixture or crushed stone sand/sand mixture, water permeable

Geotextile: filter/separation layer

Sub-base: Gravel or crushed stone mixture (type 3 or reduced fines type 1), depth varies depending on loadings.

Installation

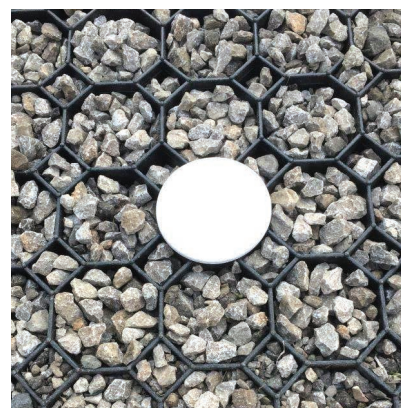
You can cut CellPave™ 40 grids easily with a standard angle grinder or jigsaw. They have an open cell structure, allowing unrestricted healthy grass root growth and water infiltration, and can be used as part of a sustainable urban drainage system (SuDS). They incorporate 25mm ground-spikes on the base, which fix through the adjacent paving grid's edge-loops. This provides the entire structure with firm anchorage and structural integrity, and makes them easy to install at rates of up to 100m²/hour.

CellPave™ 40 grass pavers should be installed onto a firm level sub-base (typically a DoT Type 3 or porous sub-base). The thickness of this base is dependant on the existing ground conditions and the design load specifications.

Please note that with all installations of grass pavers, it is strongly recommend that all areas should have sufficient drainage prior to installation. Failure to ensure this may result in the product not performing as intended.

Properties

- UV stabilised
- Temperature resistant < 60° C
- Weather resistant
- Frost resistant
- Lawn component 80 – 90%
- Fixed links in polysurface



CellPave™ white markers



Features and Benefits

- Open cell structure allowing unrestricted healthy grass root growth
- SuDS source control compliant
- Attractive paving solution with a natural grass or permeable retained gravel surface
- 25mm ground spikes resist lateral forces caused by vehicles
- Fast and easy to install
- Manufactured from 100% recycled plastics and are UV stabilised
- Plastic grass paving grids are chemically inert, non-toxic and rot free
- An eco-friendly, sustainable paving solution for trafficked areas

Technical Specifications

Material:	Rigid 100% Recycled Polyethylene (HDPE)
Dimensions:	500mm x 500mm wide x 40mm +25mm spikes deep (+/-2%)
Weight:	1.2kg/paver, 4.80kg/m ² (+/-2%)
Nominal cell dimensions:	60mm octagonal (+/-2%)
Base reinforcement/anti shear:	Four 25mm spikes per paver
Connection method:	Edge spikes and loops
Cell wall thickness:	2.7mm to 3.2mm (+/-2%)
Open Cell (%):	Top 95%, Base 75%
Colour:	Black
UV stabilised:	Yes
Load bearing capacity (filled):	305 tonnes/m ² (tested by Lloyds British)
Environmentally neutral:	Tested to ISO 11885 / ISO17294-2A / DIN EN 17933
Production control:	Tested to ISO 11359
Traffic loading:	Tested to DIN 1072
Pavers per m²:	4
Pallet dimensions:	1000mm x 1000mm x 2430mm, contains 240 pavers (60m ²)
Total pallet weight:	300kg

T: 01423 332100
www.green-tech.co.uk

Green-tech, Rabbit Hill Business Park,
 Great North Road, Arkendale, Knaresborough, HG5 0FF

✉ sales@green-tech.co.uk ✉ @greentechltd 📘 @greentechuk 🌐 green-tech-ltd

