

### OVERVIEW

Interlocking cellular porous plastic paving grid system manufactured in the UK from 100% UV stabilised recycled mixed PP/PE.

### APPLICATIONS

With many successful project installations, CellPave EP40 is a SuDS compliant porous plastic paving grid system for ground reinforcement which can be installed with a grass or gravel filled surface.

Typical uses include:

- Car and light vehicle parks
- Overspill / overflow grass car parks
- Walkways, disabled access routes & golf buggy paths
- Driveways and residential parking
- Sustainable Urban Drainage Solution (SUDS) – source control



For more information, contact us  
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**[www.groundtrax.com](http://www.groundtrax.com)**

**GROUNDTRAX**  
Ground Protection and Reinforcement

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# CELLPAVE™ EP40

## PRODUCT DETAILS

### FEATURES & BENEFITS

- A built-in anti-migration cell bottom lattice, specially designed to prevent downwards soil movement through vibration & vehicle traffic.
- Anti-soil movement ribs, to reduce soil migrating up & away even on sloped surfaces.
- Cell wall topped anti-slip nodules, giving added vehicle wheel grip & importantly pedestrian grip for shoes on the top surface.
- Each grid side has v-force male to female fixings to create a strong attachment for every grid to grid connection.
- The 7×7 rows of grid cells is the proven perfect grid formation in our opinion for ground reinforcement to be the most effective. To encase & compact the chosen infill soil / material.
- Infill with an angular gravel for maximum load bearing capacity within the range 5mm to 20mm.
- 95% permeable & complies with SuDS. Regulations (sustainable urban drainage regulations).



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### FEATURES & BENEFITS (cont.)

- Complies with the flood & water management act 2010.
- UV stable recycled injection moulded plastic.
- Compression tested to 325 tonnes/m<sup>2</sup> on gravel filled load test rating.
- Suitable for domestic & industrial use & application.



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### SPECIFICATION

#### UNIT PROPERTIES

<b>Material</b>	100% recycled and recyclable mixed PP/PE
<b>Colour</b>	Black
<b>Dimensions</b>	500mm x 500mm x 40mm
<b>Coverage</b>	4 units/SQM
<b>Internal Cell Size</b>	68mm x 68mm
<b>Structure</b>	Square cellular
<b>Cell Wall Thickness</b>	3.5 mm
<b>Weight</b>	3.5kg/m <sup>2</sup>
<b>Compressive Strength</b>	< 100 tonnes/m <sup>2</sup> empty grids < 325 tonnes/m <sup>2</sup> gravel filled grids  (Lloyds British Compression Testing, Certified November 2022)
<b>Permeability</b>	95%
<b>Connection</b>	4 Integrated V-Force push-fit locks per side
<b>Temperature Stability</b>	-50 to +90C



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### DURABILITY PROPERTIES

<b>Chemical Resistance</b>	Excellent
<b>UV Resistance</b>	High
<b>Toxicity</b>	Non-toxic
<b>Slip Risk Resistance</b>	Anti-slip design to mean low risk

**Packaging & Identification** CellPave EP40 units are supplied on pallets and shrink wrapped for stability.

**Storage** Can be stored externally but do not stack.

**Units per Pack and Pallet Weight** 260 (65m<sup>2</sup>)  
250kgs

**Notes** When using recycled materials, it is difficult to maintain colour consistency between individual units and batches.

Compression testing undertaken when units are filled with aggregate.

Long term durability will also depend upon maintenance, pavement construction and the intensity & frequency of traffic loading.

**Additional Information** Markers are available that can be used to delineate parking bays.



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