

## OVERVIEW

Interlocking cellular paving system manufactured in the UK from UV stabilised 100% recycled and recyclable polyethylene.

## APPLICATIONS

CellPave GT40 is a SuDS compliant plastic paving system for ground reinforcement which can be installed with a gravel filled surface.



Typical uses include:

- Car and light commercial vehicle parks
- Walkways, disabled access routes & golf buggy paths etc.
- Driveways and residential parking
- Sustainable Urban Drainage Solution (SuDS)
  - source control



## 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.
- Positive locking connectors to create a strong attachment for every paver to paver connection.
- The 7×7 rows of cells is a proven paver formation for effective ground reinforcement.
- Infill with an angular gravel for maximum load bearing capacity within the range 5mm to 20mm.
- 95% permeable & complies with SuDS (sustainable urban drainage regulations).
- Complies with the flood & water management act 2010.
- UV stable recycled injection moulded plastic.
- Compression tested to 815 tonnes/m<sup>2</sup> load with an angular gravel fill (independently tested).
- Suitable for domestic, commercial & industrial use applications.



## SPECIFICATION

### UNIT PROPERTIES

<b>Material</b>	UV stabilised 100% recycled and recyclable polyethelene
<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>	3.0 mm
<b>Weight</b>	4.5kg/m <sup>2</sup>
<b>Compressive Strength</b>	< 385 tonnes/m <sup>2</sup> empty grids/unfilled pavers < 810 tonnes/m <sup>2</sup> gravel (angular) filled grids  (Lloyds British Compression Testing, Certified January 2025)
<b>Permeability</b>	95%
<b>Connection</b>	3 Integrated push-fit locks per side
<b>Temperature Stability</b>	-50 to +90C

## DURABILITY PROPERTIES

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

**Packaging & Identification** CellPave GT40 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** 252 (63m<sup>2</sup>)  
305kgs

**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, subbase and surface construction and the intensity & frequency of traffic loading.

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