

CELLPAVE™ GT40

Interlocking cellular paving grid system.

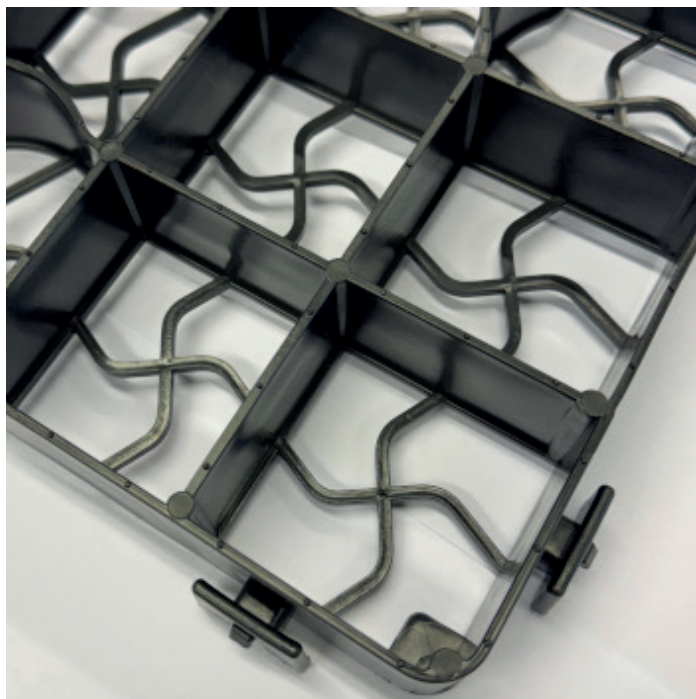


An interlocking cellular paving system manufactured in the UK from UV stabilised 100% recycled and recyclable polyethylene.

A gravel reinforcement paver grid with an open cell structure that can be used as part of a sustainable urban drainage system (SuDS). The U groove male/female walk-in connection system makes it easy to install at rates of up to 100m² per hour. CellPave™ GT40 pavers should be installed onto a firm level sub-base (see separate sub-base guide). The thickness of this base is dependent on the existing ground conditions and the design load specifications. please contact our technical team for further details.

APPLICATIONS

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



KEY FEATURES

1. A built-in anti-migration cell bottom lattice, specially designed to prevent downwards soil movement through vibration and vehicle traffic.
2. Anti-soil movement ribs, to reduce soil migrating up and away even on sloped surfaces.
3. Cell wall topped anti-slip nodules, giving added vehicle wheel grip and importantly pedestrian grip for shoes on the top surface.
4. Positive locking connectors to create a strong attachment for every paver to paver connection.
5. The 7 x 7 rows of cells is a proven paver formation for effective ground reinforcement.
6. Infill with an angular gravel for maximum load bearing capacity within the 5mm to 20mm range.
7. 95% permeable and complies with SuDS (sustainable urban drainage regulations).
8. Complies with the flood and water management act 2010.
9. UV stable recycled injection moulded plastic.

10. Compression tested to 815 tonnes/m² load with an angular gravel fill (independently tested).
11. Suitable for domestic, commercial and industrial use applications.

TECHNICAL SPECIFICATION

Material:

UV stabilised 100% recycled and recyclable polyethylene

Colour:

Black

Dimensions:

500mm x 500mm x 40mm

Coverage:

4 units/m²

Internal Cell Size:

68mm x 68mm

Structure:

Square cellular

Cell Wall Thickness:

3.0mm

Weight:

4.5kg/m²

Comprehensive Strength:

<385 tonnes/m² empty/unfilled grids

<810 tonnes/m² gravel (angular) filled grids

(Lloyds British Compression Testing. Certified January 2025)

Permeability:

95%

Connection:

3 Integrated push-fit locks per side

Temperature Stability:

-50 to + 90°C

Chemical Resistance:

Excellent

UV Resistance:

High

Toxicity:

Non-toxic

Slip Risk Resistance:

Anti-slip design to mean low risk

Packaging and 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:

252 (63m²)

Weight:

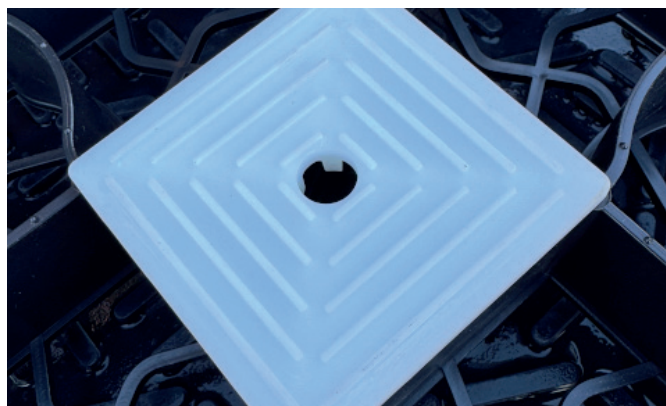
305kg

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, sub-base and surface construction and the intensity and frequency of traffic loading.

Additional Information:

Markers are available that can be used to delineate parking bays



01423 332100

sales@green-tech.co.uk

www.green-tech.co.uk

**Tree Planting | Soils & Growing Media | Blue Green Infrastructure
Ground Reinforcement | Wildflowers | Irrigation | Plant Health & Nutrition**