



# Bodpave™ 40

Patented interlocking cellular porous plastic paving grid system manufactured in the UK from 100% UV stabilised recycled and recyclable polymers. An improved design based upon Bodpave™ 85.

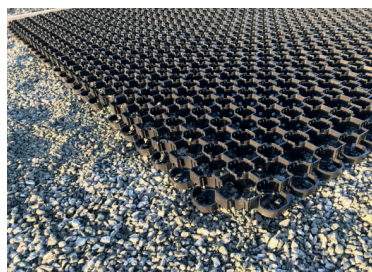
## Applications

With decades of experience and hundreds of successful project installations, Bodpave™ is the original interlocking cellular porous plastic paving grid system for ground reinforcement which can be installed with either a grass or gravel filled surface. Typical uses include:

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

## Features and Benefits

- Load bearing capacity up to 250t/SQM - suitable for cars and vans
- 24 ground spikes per paver provides excellent shear connection and allows slopes up to 1:8/12%/7° and no additional pinning
- Overlapping loop and snap fit connections give excellent 100% lateral transfer of dynamic traffic loads with 250% improvement on previous BP40 design
- Supplied as 4 pre-connected pavers (1m x 1m) - allows rapid installation
- 95% open surface structure - SUDS source control compliant
- Grass or gravel finish free-draining and naturally pleasing appearance
- HDPE expansion/contraction tolerant therefore suitable for hot and cold climates
- Manufactured from 100% recycled and recyclable polymers - highly sustainable, non-toxic and chemically inert
- British manufactured with a low transport carbon footprint for UK deliveries



Green-tech endeavour to ensure that the information given on this technical data sheet is accurate, but accept no liability for its use or its suitability for particular application.

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### Unit Properties

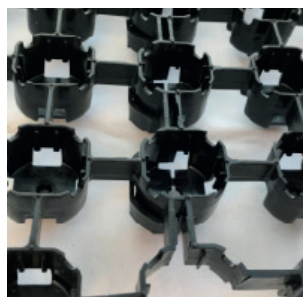
Material	100% recycled and recyclable polymers
Colour	Black or Green *
Dimensions	500mm x 500mm x 40mm + 20mm ground spike
Coverage	4 units/SQM
Internal Cell Size	67mm (cruciform) and 46mm (round)
Structure	Rigid Walled, Cellular
Cell Wall Thickness	2.5mm - 5.0mm
Weight	1.125kg/paver - (4.5kg/SQM)
Compressive Strength *	< 250 tonnes/SQM
Connection / Joint Strength *	7kN/m
Basal Support and Anti-Shear	Integral 20mm long Cross and T section ground spikes (24 per paver)
Permeability / Open Cell	Top 95% / Base 65%
Connection	Overlapping edge loop and cell connection with integral, self-locking, snap-fit clips

### Pack Properties

Dimensions	1.2 x 1.0 x 2.4m approximately
Gross Weight (nominal)	285kg
Units Per Pack	240 (60SQM)

### Durability Properties

Chemical Resistance	Excellent
UV Resistance	High
Toxicity	Non Toxic
Anticipated Design Life	10 Years *



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### Packaging and Identification

Bodpave™ units are supplied on pallets and shrink wrapped for stability.

### Storage

Can be stored externally but do not stack.

### Quality

Bodpave™ units are supplied having met internal quality requirements in accordance with our Quality Management system which is certified to BS EN ISO 9001:2015.

### Notes \*

- When using recycled polymers it is difficult to maintain colour consistency between individual units and batches. Virgin polymer may also be used when recycled green polymer is in short supply
- Compression testing undertaken when units are filled with aggregate
- Connection/joint testing of unfilled units
- Long term durability will also depend upon maintenance, pavement construction and the intensity and frequency of traffic loading

### Additional Information

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



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