

## Plastic Porous Paving System

## Technical Data Sheet

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:

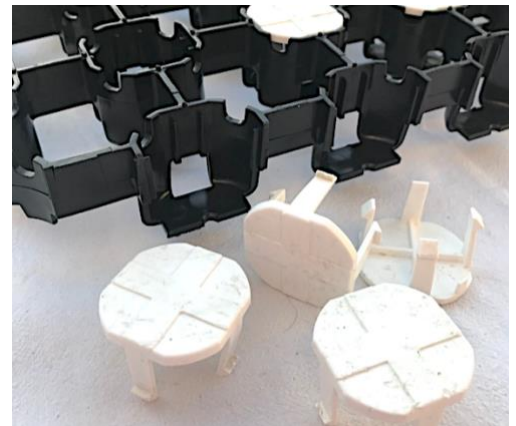
- Car and light vehicle parks
- Overspill/overflow grass car parks
- Walkways, disabled access routes and golf buggy paths
- Driveways and residential lawn parking
- Sustainable Urban Drainage Solution (SUDS) - source control

### 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%/7o 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



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)	285 kg
Units per pack	240 (60SQM)
Durability Properties	
Chemical resistance	Excellent
UV resistance	High
Toxicity	Non toxic
Ancipated design life	10 years*



## Packaging & Identification

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

## Storage

Can be stored externally but do not stack.

## Quality

Terram® Bodpave™ units are supplied having met internal quality requirements in accordance with a 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 & frequency of traffic loading.

## Additional Information

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

Root Barrier Store reserves the right to change the properties listed on this data sheet without prior notice and in line with Terram® Ltd data changes as part of its continued improvement process.

Bodpave™ and Terram® are trademarks of Magnera or one of its affiliates.