

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.

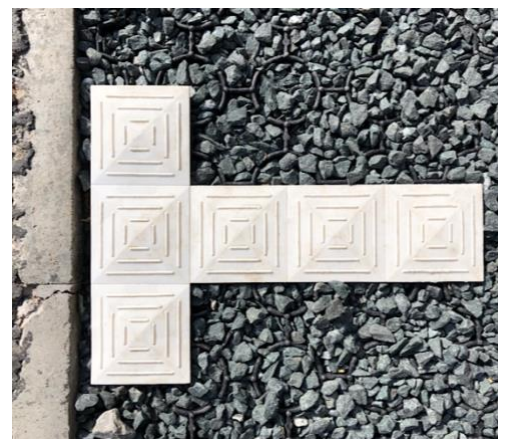
Applications

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
- Emergency Service (Fire access routes)
- Grass aircraft taxiways & helipads
- Walkways, disabled access routes
- Golf buggy paths
- Driveways and residential lawn parking
- Sustainable Urban Drainage Solution (SUDS) - source control

Features and Benefits

- High compressive strength will cope with occasional HGV overrun with a single axle load up to 6Tn (60kN).
- Supplied as 4 pre-connected pavers (1m x 1m) allowing rapid installation
- Overlapping loop and snap fit connections give excellent 100% lateral transfer of dynamic traffic loads
- 18 ground spikes per paver provides excellent shear connection with the ground and allows slopes up to 1:8 / 12% / 7° and no additional pinning
- 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
- 92% open surface structure provides rapid drainage of surface rainwater
- Grass or gravel finish - free draining and naturally pleasing appearance
- Paving grids can be offset by 1 cell increments – easy to fit around obstacles



Unit Properties	
Material	100% recycled and recyclable polymers
Colour*	Black or Green
Dimensions	500mm x 500mm x 40mm + 35mm ground spike
Coverage	4 units/SQM
Internal Cell Size	67mm (cruciform) and 46mm (round)
Structure	Rigid Walled, Cellular
Cell Wall Thickness	2.5mm - 4.4mm
Weight	1.56kg/paver - (6.24kg/SQM)
Compressive Strength*	< 400 tonnes/SQM
Connection / Joint Strength*	7kN/m
Connection type	Overlapping edge loop & cell connection with integral, self-locking, snap-fit clips
Basal Support and Anti-Shear	Integral 35mm long Cross and T section ground spikes (18 per paver)
Permeability / Open Cell	Top 92% / Base 75%
Pack Properties	
Dimensions	1.0 x 1.0 x 2.4m approximately
Gross weight (nominal)	295 kg
Units per pack	180 (45SQM)
Durability Properties	
Chemical resistance	Excellent
UV resistance	High
Toxicity	Non toxic
Anticipated design life*	20 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

215x75mm 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.

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