

Bodpave™ 85

PDS005 Issue 6—Jan 2022

DESCRIPTION:

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, Terram 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 Parking / Coach Parking bays
- Overspill / overflow grass car parks
- Emergency Service (Fire access routes)
- Grass aircraft taxiways & helipads
- Walkways and disabled access routes
- Golf buggy paths
- Driveways and residential lawn parking
- Sustainable Urban Drainage Solution (SUDS) — source control.

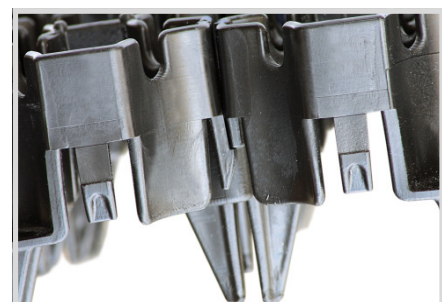


FEATURES & BENEFITS:

- High compressive strength will cope with occasional HGV loading
- 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 rain water
- 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 50mm + 35mm ground spike
Coverage	4 units/SQM
Internal cell size	67mm (cruciform) & 46mm (round)
Structure	Rigid walled, cellular
Cell wall thickness	2.5mm – 4.4mm
Weight	1.56 kg/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 & anti-shear	Integral 35mm long Cross & 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)	295kg
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 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 & frequency of traffic loading.

ADDITIONAL INFORMATION

Markers are available that can be used to delineate parking bays

How else can we help? Get in touch with us

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