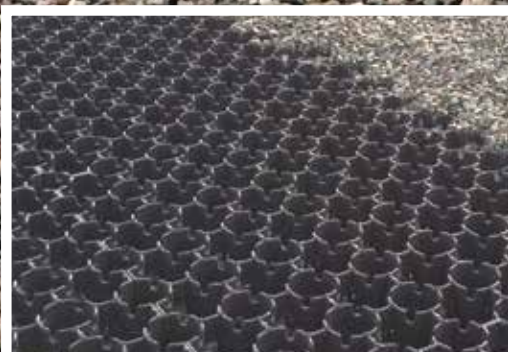


BODPAVE 85 Porous Pavers



www.terram.com

 **TERRAM**
Geosynthetics you can trust

Bodpave™ 85



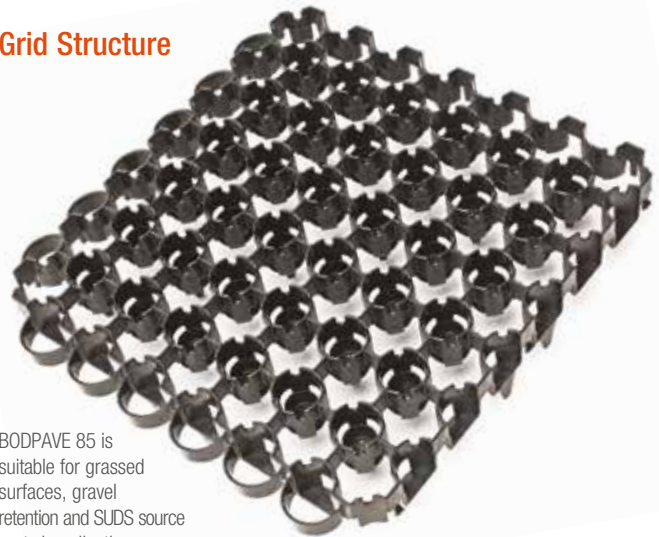
FREQUENCY OF USE	SUGGESTED APPLICATIONS
GRASS Occasional consecutive vehicular use	
GRAVEL Regular vehicular use	



Permanent grassed or gravel car and coach parking bays, fire access routes, helipads, taxiways, cycle paths, driveways, access roads and other trafficked areas where a structurally-sound, well drained base is present or will be installed.

TERRAM BODPAVE 85 is an interlocking cellular porous plastic paving grid system for ground reinforcement which can be installed with either a grass or gravel filled surface. BODPAVE 85 units are manufactured in the UK from UV stabilised 100% recycled waste plastic and are strong, chemically inert & non-toxic. The unique design of the BODPAVE 85 units resist lateral movement, improves traction and allows expansion & contraction whilst promoting optimum grass growth, root protection and surface stabilisation. BODPAVE 85 porous paving provides a durable, safe and environmentally friendly surface for trafficked areas with a very low carbon footprint compared to traditional paving solutions.

Grid Structure



BODPAVE 85 is suitable for grassed surfaces, gravel retention and SUDS source control applications.

Applications (Grass or Gravel)

- 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
- SUDS source control



BODPAVE 85 installation for a gravel car park.



Bodpave™ 85



Features and Benefits:

- Load bearing capacity up to 400t/m² - will cope with static axle loads up to 60kN
- Supplied as 4 pre-connected pavers (1m x 1m)
- allows rapid installation
- 24 interlocking connections per paver – excellent lateral transfer of traffic loads
- 18 ground spikes per paver – excellent shear connection with the ground allows slopes up to 1:8 / 12% / 7° and generally no pinning required
- Expansion/contraction tolerant – suitable for hot and cold climates
- Manufactured from 100% recycled and recyclable polymers – highly sustainable, non-toxic and chemically inert to chemicals naturally found in soils
- British manufactured - lower transport carbon footprint for UK deliveries
- 92% open surface structure- SUDS source control compliant
- Grass or gravel finish - free draining and naturally pleasing appearance
- Paving grids can be offset by 1 cell increments – east to fit around obstacles



Sustainable Drainage System (SUDS) - Source Control

The open cell structure of TERRAM BODPAVE 85 provides high surface water infiltration and is ideally suited to provide source control within a Sustainable Urban Drainage System (SUDS). BODPAVE 85 permeable paving grids should be installed onto a well prepared, free draining, firm and relatively level existing or newly constructed sub-base. By careful specification of suitable materials the sub-base can be designed to hold rain water (source control SUDS) allowing it to slowly drain away into either the underlying ground or surface water drainage system depending upon site conditions. Construction profiles for each application will be determined by specific site conditions & loading criteria. Detailed specification, design and installation guidance literature and technical information are available to download from www.terram.com. Please note that for all BODPAVE 85 grass paver/gravel paver installations, we strongly recommend that all areas should have sufficient drainage prior to the installation. Failure to ensure this may result in the product not performing as intended.

Please note that regular tight turning of vehicles and “dry” steering may cause damage to the units and/or displace gravel infill; vehicle manoeuvring should be carefully considered at specification/design stage. Gravel filled units may require some maintenance when subjected to regular channelised and turning traffic loadings. For confirmation of the correct construction profile required and guidance on suitable loadings please contact our office on 01621 874200 to speak with a member of our technical team.



Bodpave™ 85



Typical profile



Not all layers will apply to every application and drainage may be required. Please refer to design guidance documents.



Car Park Bay Markers

TERRAM also manufacture car park bay markers that have been designed to snap-fit into the square-shaped cells of the BODPAVE 85 units. Each marker is 215mm x 70mm and can be used to create dashed or solid lines and L or T shapes. They can be fixed permanently in place by used a suitable exterior grade high-strength adhesive.



Line marker details

COLOUR	SIZE	MATERIAL
White/Yellow	215 x 70	HDPE

Bodpave 85 product details

PAVER SIZE (mm)	NOMINAL CELL SIZE (mm)	QUANTITY (per m ²)	COLOUR	WEIGHT (Nominal)	LOAD BEARING CAPACITY	MATERIAL
500 x 500 x 50	67 Plaque & 46 Round	4 Grids	Black	6.24kg/m ²	400tonnes/m ²	Recycled Polyethylene
500 x 500 x 50	67 Plaque & 46 Round	4 Grids	Green	6.24kg/m ²	400tonnes/m ²	Recycled Polyethylene
<i>Ground Spikes:</i>	<i>Each paver includes a 35mm integral ground spike</i>					
<i>Assembled Size on Pallet:</i>	<i>1000mm x 1000mm (2 x 2 units)</i>					
<i>Weight:</i>	<i>6.24kg per m² / 1.56kg per tile</i>					
<i>Pallet Dimensions:</i>	<i>1000mm x 1000mm x 2340mm / Contains 18 units / 45 layers (45m²) / Total pallet weight 300kg</i>					

TERRAM Data Sheets, Installation & Design Guidances and Case Studies can be downloaded from www.terram.com

Further market specific literature available:

- Railways
- Road and Highways
- Landfill
- Coastal & Waterways
- Pipelines / Utilities
- Forestry & Landscaping
- Fruit & Viticulture

www.tubex.com

Application specific literature, product data sheets, case studies and installation guides are available on request or can be freely downloaded from **www.terram.com**

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TERRAM excels in the innovative application of technology to create versatile, high-performance materials which are unique, cost-efficient and deliver significant added value.

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