



BODPAVE™ 85 Porous Pavers

FREQUENCY OF USE	SUGGESTED APPLICATIONS
GRASS Occasional consecutive vehicular use	 Bus, Car, Wheelchair
GRAVEL Frequent/Intensive vehicular use	 Bus, Car, Wheelchair



Permanent grassed or gravel car and coach parking, 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.



BODPAVE 85 is an interlocking cellular porous paving system for ground reinforcement which can be installed with either a grass or gravel filled surface. The design of BODPAVE 85 pavers allows them to positively interlock with each other and resist shear. Once filled, they provide a high level of load-bearing performance. They are laid on a free-draining base and can be filled with either gravel for immediate frequent/intensive use, or with a seeded sand/soil to establish a grassed surface for occasional consecutive use. Both options mean that the resulting pavement is porous and in sympathy with the environment.

Note: a grassed surface may not be suitable for every application.

The unique BODPAVE 85 design resists lateral movement whilst accommodating expansion and contraction, promotes surface traction and stability and encourages grass growth by protecting the roots.

GRID STRUCTURE



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

APPLICATIONS (Grass or Gravel)

- Car / coach parks
- Emergency / HGV service access routes
- Aircraft taxiways & helipads
- Walkways and disabled access
- Golf buggy paths
- Driveways & residential parking
- SUDS source control



BODPAVE 85 installation for a gravel car park

SYSTEM FEATURES:

- Natural grass or gravel surface options
- High load-bearing capacity up to 400t/m² when gravel filled
- 92% open surface structure - SUDS source-control compliant
- Can accommodate inclines up to 1:8 / 12% / 7° and localised gradient changes
- No pinning required except on excessive gradients
- Accelerated installation with 1m x 1m panels (four pre-connected pavers supplied as standard)
- Environmentally friendly and aesthetically pleasing
- Suitability for hot and cold climates due to expansion/contraction capability
- Less wastage as pavers can be incrementally off-set connected to accommodate curves/obstructions
- Non-toxic and chemically inert to the chemicals naturally found in soils
- Manufactured in the UK using recycled HDPE (black and green) with additional UV stabilisation. Natural colour is manufactured from virgin HDPE

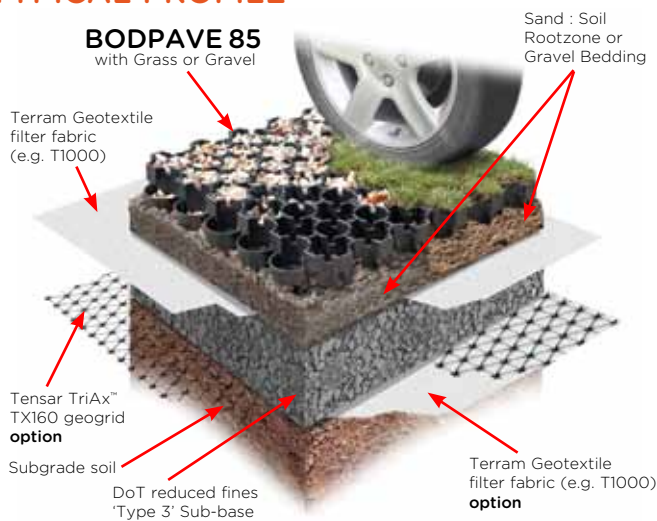


BODPAVE 85 natural (white) pavers installed for a domestic driveway application



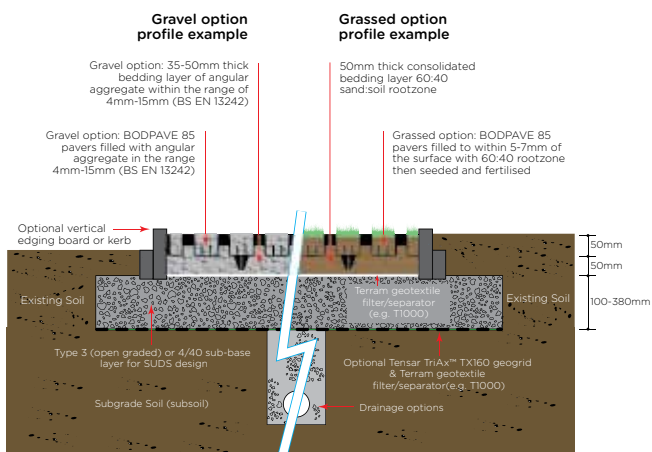
Filled with angular gravel creating an attractive reinforced permeable surface that retains the gravel

TYPICAL PROFILE



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

TYPICAL PROFILE



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Open cell structure promotes optimum grass growth



Cells contain water retention cups to optimise root growth



Integral interlocking 'snap-fit' connections on 500mm x 500mm grids



Integral ground spikes resist deformation & lateral movement



Castellations aid lateral grass growth and increase traction



Pavers can be offset by one cell increments for curves obstructions



A Tensar TriAx™ TX160 grid should be included beneath the sub-base layer to reduce the total design thickness.

The panels (a pre-assembly of four pavers) connect together simply, ready to be filled with a sand:soil rootzone and seeded for a grass surface, or filled with an angular gravel as determined by the application. The construction profile for each application will be as a result of site-specific conditions and the service-life-loading criteria. Design and technical support documents are available to download freely from www.terram.com.

All BODPAVE 85 installations must be provided with sufficient and adequate drainage in order to function as intended. Failure to do this may compromise performance.



Marking bays when using BODPAVE 85 pavers

Plastic markers are available for marking bays within areas of BODPAVE 85 paving. The markers are designed to clip positively into the plaque-shaped cells and can be fitted in various orientations to create solid/dotted lines and T or L shapes, etc, for parking bay heads, aisles and junctions.

They can be permanently fixed in place by applying a suitable high-strength adhesive or an outdoor-frame sealant to the underside of the markers. If required, the markers can be reduced in size to create single-cell or double-cell-sized units by cutting accurately along the lines between each textured square/pyramidal section. It is recommended that these cut units are bonded in place to resist displacement.



TENSAR TRIAX TX160 DETAILS

ROLL SIZE	NOMINAL UNIT WEIGHT	MATERIAL	PART NO.
4mx75m	69kg	PP	058556

LINE MARKER DETAILS

COLOUR	SIZE (mm)	MATERIAL
White	215 x 70	HDPE
Yellow	215 x 70	HDPE

BODPAVE 85 PRODUCT DETAILS

*PAVER SIZE (mm)	NOMINAL CELL SIZE (mm)	QUANTITY (per m²)	WEIGHT (Nominal)	LOAD BEARING CAPACITY	MATERIAL	COLOUR	PART NO.
500 x 500 x 50	67 Plaque & 46 round	4 Grids	6.24kg/m²	400tonnes/m²	Recycled Polyethylene	Black	057580
500 x 500 x 50	67 Plaque & 46 round	4 Grids	6.24kg/m²	400tonnes/m²	Recycled Polyethylene	Green	059447
500 x 500 x 50	67 Plaque & 46 round	4 Grids	6.24kg/m²	400tonnes/m²	Virgin Polyethylene	Natural	059430

*Each paver includes a 35mm integral ground spike

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Visit our website for further information on:
Data Sheets, Installation & Design Guidances
and Case Studies or call +44 (0) 1621 874200



www.terram.com

Free technical seminars can be arranged to suit your specific area of interest in our product range. Please contact us for further details.