

Porous Paving Grids

BodPave®85 is a modular, interlocking cellular and porous paving system for ground reinforcement. It can be installed with either a grass or gravel filled surface. Manufactured from UV stabilized 100% recycled HDPE, BodPave®85 is strong, chemically inert & non-toxic, enabling it to provide a durable, safe & sustainable eco-friendly surface for trafficked areas.

APPLICATIONS

- Car / Bus Parking Lots (Grass or Gravel)
- Emergency Vehicle Access Roads
- Aircraft Taxiways & Helipads
- Walkways and Handicap Paths
- Golf Cart Paths
- Driveways & Residential Parking
- LID/NPDES installations

BodPave®85 is a cost effective solution to worn & rutted grassed areas, displaced gravel and for source control of surface water run-off.

BENEFITS

BodPave®85 grids have been manufactured to offer a high load bearing performance, providing structural integrity and a positive mechanical interlock.

- Load bearing up to 367 tons/yd²
- Manufactured from 100% recycled polymer.
- In accordance with LID & NPDES guidelines for water management.
- Environmentally friendly, aesthetically pleasing and free draining natural grass or gravel surface.



GRID STRUCTURE

BodPave®85 is suitable for grassed surfaces, gravel retention and LID/NPDES applications.

Available in Black, Green or Natural to suit applications.



BodPave®85 allows optimum growth for grass surfaces



BodPave®85 retains gravel offering a free draining stabilized surface



BodPave®85 is ideal as a driveway or access road with gravel fill



BodPave®85 is the perfect solution for car & bus parking lots with either a grass or gravel fill



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



Existing driveway conditions demonstrating surface water, worn grass and rutting



BodPave®85 porous grids during installation



BodPave®85 filled with grass offers a free draining reinforced grass driveway surface

BODPAVE®85 LINE MARKERS



Line markers clip into the BodPave®85 grid

These plastic markers are for the purpose of indicating parking bays & lines within areas of the BodPave®85 cellular paving system. The markers are designed to clip positively into the plaque shaped cells of the BodPave®85 and can be fitted in various orientations to create solid or dotted lines & 'T' or 'L' shapes etc for parking bay heads, aisles & junctions.

COLOUR	SIZE	MATERIAL	PART No.
White	0.75' x 0.23'	HDPE	069675



Cut to form other shapes



Can form L-Shapes



Single unit to form lines



Can form T-Shapes

In applications where there may be potential for the markers to be forcibly removed (i.e vandalised), it may be appropriate to fix them permanently in place by applying an appropriate proprietary high strength plastic (HDPE) glue or an 'outdoor frame sealant' type material to the underside of the marker when fitting.

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 smaller sized units are glued in place as previously suggested in order to resist displacement.

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BodPave®85

The unique design of BodPave®85 resists lateral movement, improves traction and allows expansion & contraction while promoting optimum grass growth, root protection and surface stabilization. The open cell structure provides high surface water infiltration and is suitable for source control within a LID/NPDES profile.

TYPICAL PROFILE



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

BodPave®85 should be installed onto a well prepared, free draining, firm and relatively level sub-base (typically a Class 5 or reduced fines Class 7) using either Boddingtons 'Reduced-Dig System' or by employing a full sub-base construction incorporating a Tensar TriAx™ TX160 (recommended) geogrid reinforcement layer. Paving grids simply connect together and are then filled with either a sand:soil rootzone and seeded or turfed for a grass surface, or filled with an angular aggregate for a gravel surface as determined by the application. Construction profiles for each application will be determined by the specific site conditions & load bearing criteria. Detailed design literature and technical support are available to download online (see below). Please note: All BodPave®85 applications must be provided with sufficient and adequate drainage facilities in order to function as intended. Failure to ensure this may compromise overall performance.



FEATURES



Open cell structure promotes optimum grass growth



Integral interlocking 'snap-fit' connections on 19.7" x 19.7" grids



Cells contain water retention cups to optimize root growth



Integral ground spikes resist deformation & lateral movement

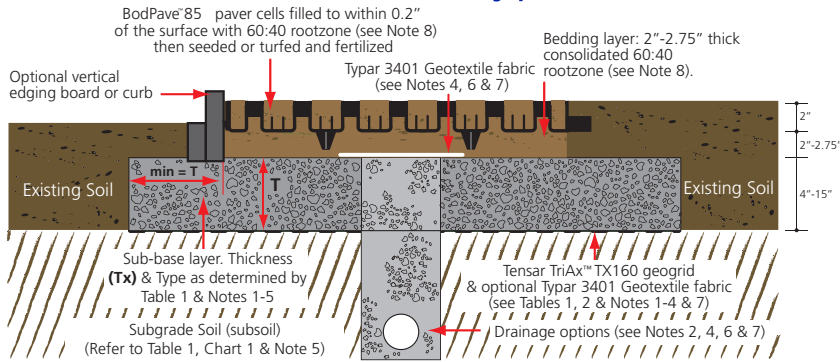


Castellations aid lateral grass growth and increase traction



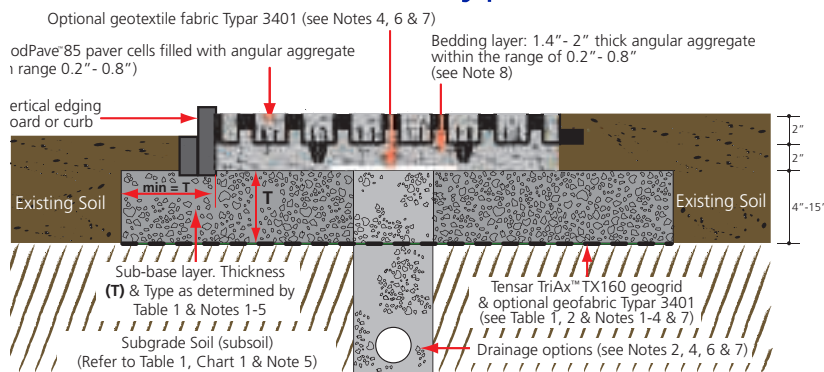
Pavers can be offset by 1 cell increments for curves/obstructions

GRASSED SURFACES - Typical Construction Profile



Please download our installation guideline document for full details on sizes, dimensions and materials stated on this diagram by visiting the following webpage:
www.boddingtons.us/ground-reinforcement/porous-grass-pavers-downloads.htm#2

GRAVEL SURFACES - Typical Construction Profile

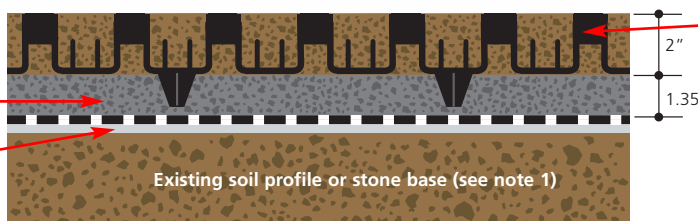


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'REDUCED DIG' GRAVEL & GRASSED SURFACES - Typical Construction Profile

Bedding Layer
1.35" - 2" thick layer of 0.4"-0.8" diameter, angular gravel or crushed aggregate.

Optional Tensar TriAx™ TX160 geogrid layer and Typar 3401 geotextile (See note 2)



BodPave®85
2" deep open-celled plastic pavers. Filled with 60:40 sand/soil or sand/compost rootzone blend. Then seeded and fertilized.
Or
Filled with selected gravel/angular aggregate (0.2" - 0.8" dia.)



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PAVER SIZE	COLOUR	NOMINAL CELL SIZE	QUANTITY per 1.2yd ²	WEIGHT (Nominal)	LOAD BEARING CAPACITY	MATERIAL	PART No.
19.7" x 19.7" x 1.97" + 1.37" integral ground spike	Black	2.64" Plaque & 1.81" Round	4 Grids	1.27lbs/ft ²	367 tons/yd ²	Recycled Polyethylene	057580
19.7" x 19.7" x 1.97" + 1.37" integral ground spike	Green	2.64" Plaque & 1.81" Round	4 Grids	1.27lbs/ft ²	367 tons/yd ²	Recycled Polyethylene	059447
19.7" x 19.7" x 1.97" + 1.37" integral ground spike	Natural	2.64" Plaque & 1.81" Round	4 Grids	1.27lbs/ft ²	367 tons/yd ²	Recycled Polyethylene	059430

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