

Cellular Confinement

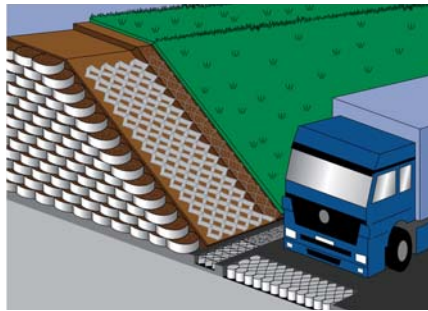
Bodcell™

Bodcell™ is a cellular confinement system for slope protection and stabilisation applications.

Manufactured from dark grey PE/PP, the material is permeable and allows water to flow between cells encouraging drainage and vegetation growth. The cell structure confines soil or aggregate material, greatly improving resistance to erosive forces such as rainwater run-off on steep or unstable slopes, or slopes exposed to severe hydraulic or mechanical stresses.

A variety of infills can be used depending on the application, providing a means of fully vegetating slope surfaces where this would not otherwise be possible. Seeded topsoil provides protection for less exposed areas, small shrubs offer improved protection, whilst granular infill offers the highest protection. The cellular system is normally suitable for slopes up to 45 deg (1:1 Slope).

Bodcell™ is supplied in flat panel form and expanded on site to the desired dimensions and shapes. The panels are flexible enough to go round trees and other obstacles.



The cellular structure should be fixed on every single cell on the perimeter and at 1m centres throughout using fixing u-pins

Bodcell™ is also suitable for ground stabilisation and can be used as a tree root protection system



Metal Fixing-Pins

Metal fixing pins can be used to fix the cells to the ground.



PRODUCT	FIXING PIN
MATERIAL	STEEL ROD
SIZE	550mm x 100mm x 8mm dia.
OUTER	100 per pack
PART No.	051038

Technical Specifications

PRODUCT	PANEL SIZE	CELL Dia. & DEPTH	PANEL WEIGHT	MATERIAL	GROUND REINFORCEMENT LOAD CAPACITY	PART No.
Bodcell™ 250/100	5m x 7m	250mm x 100mm	17kg	Non-woven Polypropylene	Pedestrian Loads	051397
Bodcell™ 220/150	5m x 7m	250mm x 100mm	25kg	Non-woven Polypropylene	Light Vehicles	051403
Bodcell™ 350/100	5m x 7m	350mm x 150mm	11kg	Non-woven Polypropylene	N/A	051311
Bodcell™ 350/150	5m x 7m	350mm x 150mm	17kg	Non-woven Polypropylene	N/A	051410
Bodcell™ 220/200	6m x 3m	220mm x 200mm	20kg	Non-woven Polypropylene	Heavy Vehicles	051380

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