

# BODCELL™ EROSION PROTECTION

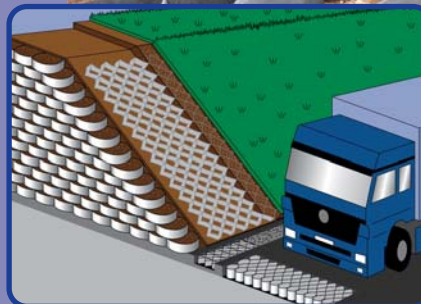
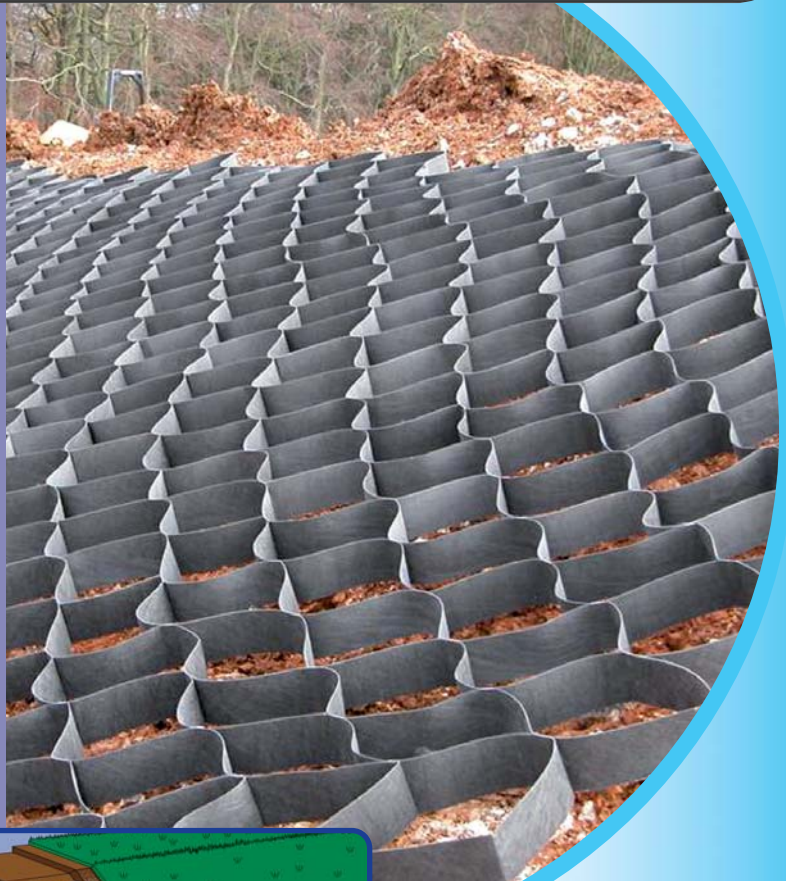
Bodcell™ is a cellular confinement system for slope protection and stabilisation applications.

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 offers 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



Applications include slope protection and ground reinforcement



## U-PINS

Fixing U Pins can be used to fix the perimeter of cell and 1m centres throughout.

### SPECIFICATIONS

LENGTH	WIDTH	DIAMETER	MATERIAL	PACK SIZE	PART NO.
550mm	100mm	8mm	Steel Rod	100	051038

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PRODUCT REFERENCE	PANEL SIZE	CELL DIAMETER	CELL DEPTH	SLOPE APPLICATION - MAXIMUM SLOPE ANGLE	GROUND REINFORCEMENT APPLICATION - LOAD CAPACITY	PART NO.
Bodcell 250/100	5m x 7m	250mm	100mm	1:1 Slope (45deg)	Pedestrian Loads	051397
Bodcell 250/150	5m x 7m	250mm	150mm	1:1 Slope (45deg)	Light Vehicles	051403
Bodcell 350/100	5m x 7m	350mm	100mm	1:2 Slope	N/A	051311
Bodcell 350/150	5m x 7m	350mm	150mm	1:2 Slope	N/A	051410
Bodcell 220/200	6m x 3m	220mm	200mm	N/A	Heavy Vehicles	051380

- Cell wall tensile strength: 20.7kN/m
- Cell wall permeability: 45 l/m.sec
- Material : 70% Polypropylene, 30% Polyethylene

*Applications details are given as a guide only. Ground reinforcement applications should have a geotextile laid beneath.*