



GEOCELL Slope Erosion Control



Erosion control for grassed or vegetated slopes up to 1:1. Permeable fabric allows water, air and nutrient flow.



Terram GEOCELL is a relatively shallow cellular confinement system which is used to combat erosion on slopes up to 1:1. The geocell is fabricated using a geotextile so it is permeable and allows water to flow between cells encouraging drainage and vegetation. It is supplied as compact man-handleable panels ready to be expanded on site to 5m x 7m or 6m x 3m areas with a honeycomb of diamond-shaped cells that are 100mm, 150mm or 200mm deep.

APPLICATIONS

- Cut or fill embankments
- Dams or spillways
- Revetments
- Abutment protection
- Geomembrane protection
- Soil-nailing cover
- Landfill lining

Once placed and secured on the slope, the geocell can be filled with soil or a mineral fill. The result is that the confined fill is able to better resist the erosive effects of wind and run-off. The expanded panels should be fixed at every perimeter cell and at 1m centres throughout using steel fixing pins.

The geocell is flexible enough to be formed around trees and other obstacles.

Seeded topsoil is the most suitable fill for less-exposed slopes, with small shrubs offering improved protection, whilst a granular material offers the highest protection.

Metal Fixing Pins

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



PRODUCT	SIZE (mm)	MATERIAL	PART No.
J-pins	550 long x 8 dia	Steel rod	051038

GEOCELL PRODUCT DETAILS

PRODUCT	PANEL SIZE (m)	CELL Dia & DEPTH (mm)	PANEL WEIGHT	GROUND REINFORCEMENT LOAD CAPACITY	MATERIAL	PART No.
GEOCELL 25/10	5 x 7	250 dia. x 100	17kg	Pedestrian Loads	Non-woven PE/PP	082094
GEOCELL 25/15	5 x 7	250 dia. x 150	25kg	Light Vehicles	Non-woven PE/PP	082148
GEOCELL 35/10	5 x 7	350 dia. x 100	11kg	N/A	Non-woven PE/PP	082063
GEOCELL 35/15	5 x 7	350 dia. x 150	17kg	N/A	Non-woven PE/PP	082124
GEOCELL 22/20	6 x 3	220 dia. x 200	20kg	Heavy Vehicles	Non-woven PE/PP	082056



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



www.terram.com