






Protecting your roots

Groundcell is a cellular confinement system that is used for erosion control on slopes and for tree protection on horizontal surfaces. On landscapes that need tree root protection, the honeycomb structure creates a sub-base above the surface to spread the imposed load of vehicle and pedestrian traffic. Whereas, for erosion control, the strong structure reinforces and stabilises the soil, promoting vegetation growth.

Why Groundcell?

- 
Build around areas with tree protection orders
 Groundcell prevents damage to tree roots to create a perfect subbase for access roads and pathways.
- 
Stop soil loss
 prevent costly damage to roads, water supplies and the environment.
- 
Durable
 leaves a forever perfect finish.
- 
Simple installation
 fast and easy to lay, no specialist equipment needed.



Technical data

Raw Material

HDPE

Colour

Black

Cell Wall Type

Textured & Perforated

Cell Wall Thickness

1.20mm
(tolerance of +/-0.2mm)

Cell Height

100mm 150mm 200mm
(tolerance of +/-2%)

Cell Size

300mm
(tolerance of +/-2%)

Standard Panel Size

4 x 6m*
(tolerance of +/-2%)
Panel size may vary, please contact the sales team to confirm.

Standard Panel Area

24m²
(tolerance of +/-2%)

Seam Tensile Strength

1800 N

Durability & Oxidation Resistance

Predicted to be durable for a minimum of 25 years in natural soils with 4 < pH < 9 and temperatures < 250C. Product has been successfully tested for resistance to oxidation in accordance with PN-EN ISO 13438, PN-EN ISO 527-3.



Discuss your project on:
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