



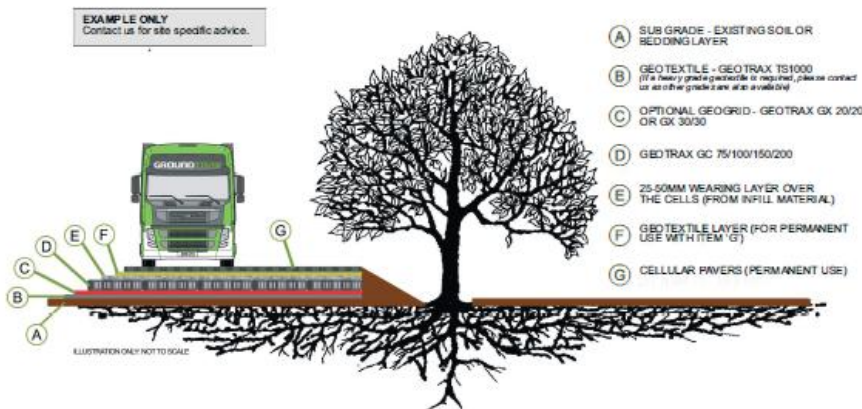
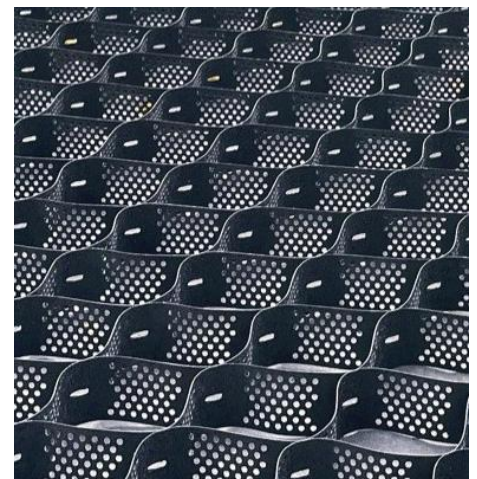
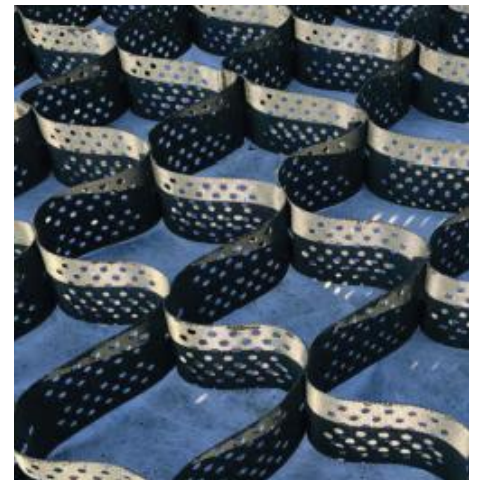
# GEOTRAX GC 75/100/150/200

Ground, Wind, Weed & Erosion Control

GeoTrax GC is an expandable cellular confinement system that can be filled with sand, soil, gravel or other site materials for use in the construction of three dimensional load spreading or containment systems. Constructed from 1.6mm perforated and textured HDPE and available in 75mm, 100mm, 150mm and 200mm deep variants.

Typical uses include tree root protection, erosion control, retaining structures and temporary or permanent track and compound construction when a no-dig system has been specified. They can also be used to reduce the overall construction depth thereby reducing the cost of the infill material.

GeoTrax Geocells work by confining the infill material and ensuring that the downward forces from traffic are spread laterally, thereby greatly reducing the pressure on the sub base by distributing the load over a wider area.



The cells arrive flat packed on pallets and are expanded on site to form a honeycomb like structure. The supplied steel pins and plastic caps are used to hold the cells open prior to filling. For erosion control and bank stabilisation or other applications on sloping ground, our CellGrip fixings should be used for improved performance (up to 9 times the pull out force versus rebar pins). CellGrip fixings are simply clipped through the existing perforations in the side wall of the cells and fixed down with TerraLock pins. Adjacent panels are connected with plastic connectors (29no. connectors are included with each panel).



Steel Pins    Plastic Pin Caps    CellGrip Fixing    Install with Drill    Finished



## Technical Data Sheet



# GEOTRAX GC 75/100/150/200

**Ground, Wind, Weed  
& Erosion Control**

<b>Panel Size (expanded)</b>	2.71m x 7.41m (20.08m <sup>2</sup> )	
<b>Cell Depth Options</b>	75mm, 100mm, 150mm, 200mm	
<b>Colour</b>	Black	
<b>Cell Size</b>	224mm x 259mm	
<b>Material</b>	1.6mm HDPE	
<b>Cell Wall</b>	Perforated and Textured	
<b>Seam Weld Strength</b>	75mm deep cells	900N
	100mm deep cells	1200N
	150mm deep cells	1800N
	200mm deep cells	2400N
<b>Tensile Strength</b>	Longitudinal	18.4 MPa
	Transverse	19.5 MPa
<b>Stress Crack Resistance</b>	>3000 hours	
<b>Panel Weight</b>	75mm deep	18.0kg
	100mm deep	24.5kg
	150mm deep	36.0kg
	200mm deep	48.5kg



### Accessories Available:

- GeoTrax GT Geotextile
- GeoTrax GX GeoGrid
- GeoTrax Steel Pins
- CellGrip and Terra Lock Fixings

### Cell Size:

- 259mm x 224mm

