



Ground reinforcement blocks are a new and revolutionary development in ground reinforcement. They are tough, flexible and easy to install making it the professional choice for a wide range of construction projects.

British manufactured from 100% British recycled plastic waste that would have been destined for landfill, Ground reinforcement blocks are the environmental and sustainable solution of choice to prevent ground erosion. The honeycomb tiles provide an interlocking system that can be laid at ground surface level and then either filled with stone, gravel, earth or seeded.

Ground reinforcement blocks can be used to create pathways, roadways, emergency vehicle access roads, driveways, cycle routes, towpaths, green car parking areas and to stabilise embankments.

## Installation Instructions

The following instructions are intended as a guide only. In general the same preparation procedures used for traditional paving solutions for the construction of footpaths, driveways and access routes should be adopted.

These guidelines assume that a sub-base is to be used beneath the paving system.

- 1 The area to be protected should be marked out and excavated to the depths detailed in the table below depending upon the final use. Remember to add the depth of the Ground reinforcement block (40mm) to the figures quoted if the Ground reinforcement block is to finish flush to the surface.

Project	Typical Depth
Patios, garden paths	75 - 100mm
Driveways, public footpaths	100 - 150mm
Heavy Uses	150 - 225mm
Highways	150mm+

- 2 Once the full area is excavated the sub-base can be installed. Compact the full area level using either a vibrating plate or for larger areas a vibrating roller.
- 3 A thin 40mm layer of sharp sand/soil mix should be laid over the sub-base to level out any imperfections or hollows in the surface of the sub-base. If the area is to be grassed this mix will provide a suitable substrate for grass root growth.
- 4 Once the area is level the Ground reinforcement block can be interlocked and laid. The Ground reinforcement block is delivered in pre-locked 1 square metre sections to aid installation. However, any that need to be cut should be measured and cut prior to installation where possible leaving full, complete cells along the outer edge.
- 5 The area can then be backfilled with the medium to be used. If using gravel we recommend 10mm or less as this will ensure better filling of the cells. If the area is to be grassed, we recommend using a 70/30 root zone mixture; this will prevent the hard compaction of the cells which could be associated with just using topsoil which would limit grass growth. Initially fill to about 10mm below the top surface of each grid as this will protect the grass in its early growing phase. The whole area can then be seeded and watered.
- 6 An optional weed suppressant membrane can be used on top of the sub-base before applying the sharp sand, this will prevent weed growth but will allow for natural drainage of rain water to the ground below.



**Car park delineators**  
Simply insert into Ground reinforcement block to create lines, arrows etc



British technology using British plastic waste for British projects.