

GRB+ Installation Instructions

The following instructions are intended as a guide only and a full site survey should be carried out prior to install, in general, the same preparation procedures used for traditional paving solutions as used in the construction of footpaths, driveways and access routes should be adopted. These guide lines assume that a sub-base is to be used beneath the paving system.

Applications:

- Construction sites
- Green parking areas
- Access roads
- Private lanes
- Paths and driveways
- Golf courses
- Landscape projects
- Towpaths
- Emergency access routes
- Helicopter landing pads

Table 1:

Project	Typical Depth
Patios, Garden paths	100mm
Driveways, Public footpaths	150mm
Heavy uses	250mm
Highways	450mm +
Sub base recommendations Highways Agency Clause 803. Type 3.	

Always ensure area has adequate drainage.

Prior to installation, identify offset male and female fitting as per image below:



1. Mark out and excavate area to required depth, sub-base depths required vary dependent on traffic load being applied. Table 1 indicates sub-base depths required. Remember to add the depth of the GRB PLUS to the figures in the table if the GRB PLUS is to finish flush to the surface.
2. Once the area is excavated the sub-base can be installed. Compact the entire area to be as level as possible using a vibrating plate or vibrating roller.
3. An optional permeable weed suppressant membrane such as gt weed control can be used on top of the sub-base before applying the sharp sand / soil mix as this will prevent weed growth but will allow for natural drainage of rain water to the ground below.
4. A 40mm layer of sharp sand / contaminant free 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 use of a soil mix will provide a suitable substrate for grass root survival and growth.
5. Once the area is level the GRB PLUS can be interlocked and laid. The GRB PLUS is delivered in 1 square metre sections to aid installation, however any that need to be cut should be measured and cut before installation, where possible leaving full complete cells along the outer edge.
6. The area can be backfilled with specified medium. If using gravel we recommend the use of 10mm or less as this will ensure better filling of the cells. If the area is to be grassed, we recommend a 70/30 root zone mixture. Initially fill the cells to about 10mm below the surface level as this will protect the grass in its initial growing period. The whole area can then be seeded and watered.

