TrueGrid Ground Reinforcement Grids

Installation Guide

This interlocking ground and grass reinforcement product is successfully used in many applications, including green car parking areas, private lanes, access roads, construction sites, greenhouse soakaway, and as a base for decking and garden sheds.

It is tough, flexible and easy to install making it the professional choice for a wide range of projects. Manufactured from 100% recycled material diverted from landfill, TrueGrid is the environmental and sustainable solution of choice.

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. The paving's stability, load bearing capacity and durability rely on correct subsoil preparation.

1. The area to be protected should be marked out and excavated to the depths detailed in the table below epending upon the final use. Remember to add the depth of the TrueGrid Ground reinforcement paving grids (40mm) to the figures quoted, if the TrueGrid Ground reinforcement paving grids are 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+

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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 TrueGrid Ground reinforcement paving grids can be interlocked and laid. 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.

Summary