EASY Grid Ground Reinforcement - Ground Preparation/Installation Guide

Base Preparation

Following excavation of the existing ground, a geotextile layer should first be laid to create ground stability. To ensure optimum drainage, MOT Type 3 (graded crushed stone) should be used as the sub base layer. MOT Type 1 is not suitable. Assuming the existing ground is reasonably stable and free draining, a typical base for a car park would comprise of a compacted 150-200mm deep layer of Type 3.

Bedding (where stone/gravel finish is required)

A non-woven geotextile should be laid on top of the sub-base to act as a separating layer/weed suppressant. This should then be topped with a 30mm depth of 4-10mm angular stone or grit sand. The geotextile layer will stop the stone/grit from migrating down into the sub base and will also inhibit weed growth.

Bedding (where grassed finish is required)

An optional geotextile layer should be laid on top of the sub-base to act as a separating layer. This should be topped with a 30mm depth of 4-10mm grit sand.

Laying

Lay the pavers starting in the corner of the site. The lugs on the edge of the pavers should face the direction of installation. Offer the next panel in the same orientation so that the slots slide on to the lugs on the previous panel. Continue laying pavers in the desired direction, standing on the laid pavers when laying the next panel

Filling

Stone/gravel fill - fill the pavers with free draining hard, angular stone nominal 10-14mm.

Grass fill - fill the pavers with clean friable topsoil or blended loam. Scrape away any overfill so that the top edges of all cells are visible. Grass seed can be applied to the finished surface or for best results, mix together with the soil prior to filling. Suggested grass seed is a mix of 75% perennial rye and 25% creeping red fescue. Turf can also be rolled into pavers. Please note pavers should not be trafficked until grass is established

Unit 13, Riverside Industrial Park, Rapier Street, Ipswich IP2 8JX

t: 01473 760777 f: 01473 412658 e: info@azpects.co.uk www.azpects.co.uk