

Installation Instructions for Grass Grid Hexagon® Systems

Properties of Grass Grid Hexagon®

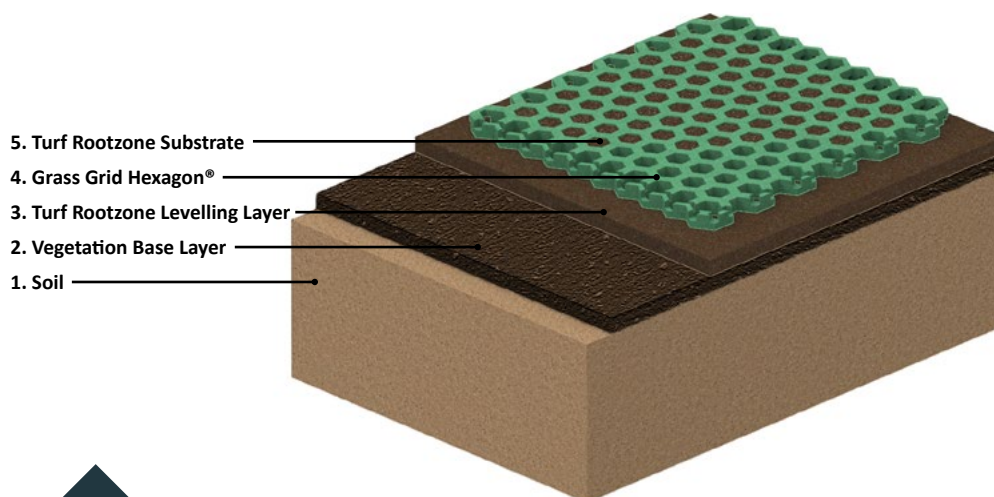
Grass grid slabs with a minimum of 50% grass or gravel surface area. Manufactured from compressed, open-pore and permeable rubber granulate. Individual slab dimensions: 106 x 99 cm (1.05 m²) per slab. Installed dimensions: 102 x 95 cm (0.97 m²) per slab. Slab thickness: 4.5 cm / 6.5 cm. Colours: Green, Red, Black, Grey. Featuring an integrated positive-locking connection system that enables fast and easy installation without extensive subbase preparation or edging works. Suitable for critical fall heights from 1.80 m to 2.40 m.

Installation of Grass Grid Hexagon®

1. Install a 100 mm vegetation base layer consisting of topsoil with incorporated crushed stone, rounded gravel or lava aggregate (4/8 mm) in accordance with DIN EN 13242. The vegetation base layer shall be installed uniformly and compacted to a stable condition. Upon completion of compaction, a minimum EV₂ value of 15 MPa shall be achieved.
2. Install a 5 cm turf rootzone levelling layer in accordance with DIN 18035-4, compacted to provide permeability and structural stability.
3. Fill with 255 g of vegetation-compatible, permeable turf rootzone substrate in accordance with DIN 18035-4 for the 4.5 cm version and 350 g of vegetation-compatible, permeable turf rootzone substrate in accordance with DIN 18035-4 for the 6.5 cm version.

Maintenance

The slabs do not require edging and will not lift or deform due to their high self-weight and the patented Hexagon® interlocking system. Nevertheless, regular mowing is recommended to prevent the growth of weeds and unwanted vegetation. Installation in the immediate vicinity of shallow-rooted trees is not recommended. In areas with severe mole activity, an additional 10 cm mineral aggregate layer should be installed.



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*Grass Grid Hexagon® may alternatively be installed on crushed stone and bedding aggregate constructions and filled with playground gravel. The stated critical fall heights apply exclusively to the system build-up shown in these installation instructions.

*When installing on hills, slopes or landscaped terrain, the vegetation base layer and turf rootzone layer must be formed and compacted according to the desired terrain profile. Grass Grid Hexagon® can flexibly follow the contours of the terrain.