

Data Sheet

Ground Reinforcement Block

GRB is a new and revolutionary development in ground reinforcement. It is tough, flexible and easy to install making it the professional choice for a wide range of construction projects. Manufactured from 100% recycled material, GRB is the environmental and sustainable solution of choice.

Benefits

- Quick and easy to install reducing on site costs
- Lightweight
- Proven connection system
- Surface reinforcement with natural drainage
- Minimal maintenance
- Non-slip and crack proof
- Weatherproof and environmentally friendly
- Frost and UV resistant
- Cut to size
- Dimensionally stable
- Prevents gravel migration
- Sustainable
- Non expanding
- Low transport and handling costs
- 100% recyclable
- Built in interlocking and fixing spikes

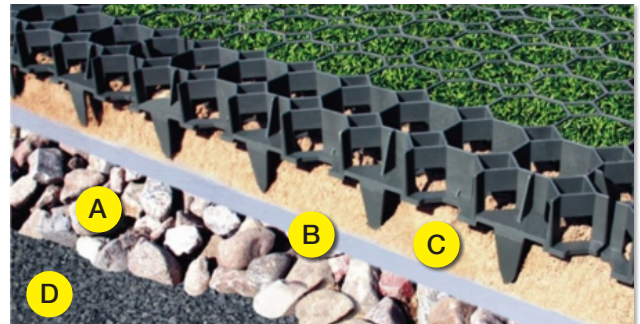
Intended Use

- Construction sites
- Green car parking areas
- Private lanes and access roads
(Including emergency access)
- Pathways and drives
- Golf courses
- Landscapes
- Equestrian and livestock facilities
- Green roof and rooftop gardens
- River and road embankments
- Private airfields



Installation Guidance Notes

- Start by digging out a trench 250 mm deep covering the entire area. Then compact down the surface of the trench (D) with the use of a plate compactor. Next, spread the sub-base layer of crushed stone and gravel (A) spreading out evenly over the area and compact the layer.
- Lay a geotextile fabric (B) over the sub-base. It provides additional stabilisation, filtration and helps to prevent weed growth.
- Apply a 50mm levelling layer (C) of sand smoothly to the surface of the geotextile, covering up the prepared area. The levelling layer should also be compacted.
- Once the whole area is fully prepared, then proceed with laying down the ground grids, Ensuring they are level and are interconnected to each other. They are best laid in a staggered joint pattern so that the four corners do not meet.
- If the area is to be grassed, a mixture of topsoil and sand 70/30 of infill is recommended. The open design of the paving grids allow grass to grow both vertically and horizontally. The prepared area can be seeded and watered. Pea gravel may be used instead of a soil and grass seed mixture.



Technical Data

Material	PP/PE recycled
Dimensions	492 x 492 x 39
Colour	Dark Green
Height	39mm
Height with integrated spikes	64mm
Weight	0,9 - 1,00kg
Weight / m ²	4,4kg
Load bearing capacity*	Max 400 T/m ²
Required number /m ²	4.2 pcs /m ²
Wall Thickness	3-5mm
Green Area	ca 90%
Tested by TUV SUD	DIN EN 1072
Temp Range	-50°C to 90°C
Accessories	Parking inserts
m ² pallet (1,0 x 1,0 x 2,4)	54
Connectivity	Easy simple latch system
m ² / Truck	1418 m ² (max 1536m ²)

