

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.

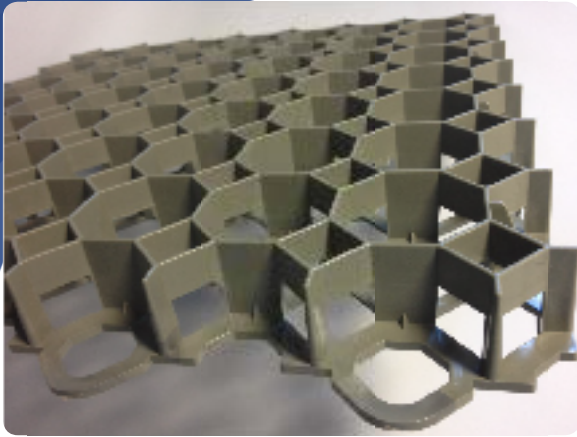
Benefits

- 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





Technical Data

Grid Area	485 x 485 x 40mm
Wall Depth	40mm
Weight/m²	4.2kg/m ²
Number of tiles per m²	4
Load Capacity	Up to 150 tonnes/m ²
Axle Weight	Up to 16 tonnes
m² per pallet	50 m ²
Gross Weight per pallet	250 kg
Material	100% Recycled UV Stable Polyolefin
Temperature Stability	-50 to +90 °C
Chemical Resistance	Sodium Chloride (rock salt), ammonia, acid rain, petroleum products, hydrocarbons
Base Specifications	Minimum base recommended: 250mm for car parking 450mm for heavier vehicle
Applications and suggested usage	General purpose domestic parking filling with gravel or grass filling; overflow parking; ground stabilisation for footpaths, golf courses, parking areas on airstrips, banks and ditches, paddocks and farms, high wear gateways, green roofs.

Installation Information

Filling	GRB can be filled with a wide range of materials including grass seed, gravel, stones, earth and sand.
Blinding and Leveling	To level any possible unevenness in the base layer and provide a zone suitable for root growth
Base Layer	To ensure optimum drainage a layer of crushed rock should be installed

Recommended Excavation Depths

Project	Typical Depth
Patios, garden paths	75-100mm
Driveways, public footpaths	100-150mm
Heavy Uses	150-225mm
Highways	150mm+