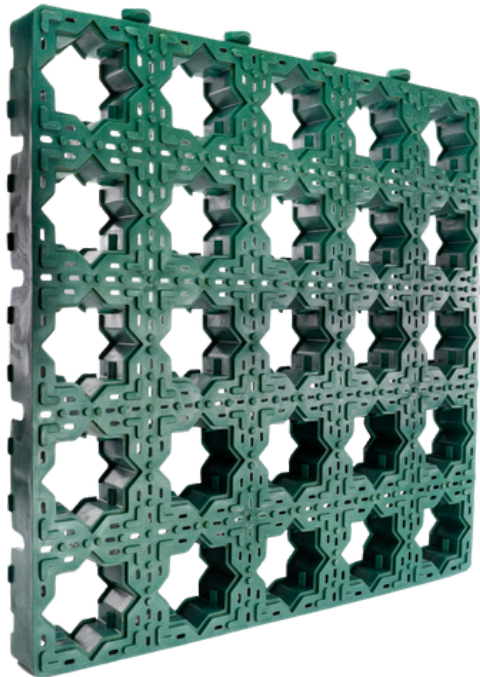


GRIDFORCE IR35

GROUND REINFORCEMENT GRID



10 year product guarantee ◀

Manufactured from 100% recycled LDPE ◀

Fully recyclable ◀

Patented interlocking system ◀

Large quantities stocked with a turnaround of 2-5 days ◀

SuDS compliant ◀

Operating temperature of -35°C to 85°C ◀

APPLICATIONS

Recommended for: Instant grass reinforcement

SPECIFICATIONS

Maximum load-bearing capacity (empty pavers): Dependent on existing ground conditions

- **Size:** 389mm x 389mm x 35mm
- **Detail:** 5x5 eyelets
- **Wall thickness:** 3mm
- **Weight:** 0.85kg per paver
- **Packaging:** 6 tiles (3x2) = 0.91m² = 70 layers of 6 tiles = 63.5m². 420 tiles per pallet
- **Dimensions of a pallet:** 780mm x 1160mm x 2550mm
- **Material:** LDPE – Low Density Polyethylene, 100% recycled, withstands frost and UV radiation, natural stability: resists extreme temperatures -30 to 85°C

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CERTIFICATIONS

- Declaration of conformity for CE Marking
- TUV Nord – ISO 9001
- DIN 38412 – Neutral for the environment, lifespan higher than 10 years
- DIN 4102 – Approval emergency access routes, fire resistance
- DIN 1072 – Approval for 20 tonne axle load, driveways, road extensions, bridges
- DIN IN ISO 124 and B125 – Approval for car parks, access roads & storage areas
- Compliance of Park M - disabled access



INSTALLATION GUIDE

BEFORE INSTALLATION

In certain situations, it may be appropriate to dispense with a conventional base when installing Gridforce pavers. If the existing ground is grass-covered, reasonably undamaged and considered to be suitably free-draining, then the Gridforce Ground Reinforcement method can be adopted, utilising the IR35 product. The Gridforce IR35 can be pressed into existing grass without the conventional dig-out and build-up of a sub-base. This cost-effective solution allows for ground reinforcement without the expense of a full installation and is ideal where tree root protection is a primary concern.

Gridforce grass-reinforcement system is designed with superior durability and strength, ensuring a long-lasting transformation of your grass or turfed area. It can be used in a variety of ground conditions. It is the responsibility of the customer to ensure that the site is suitable for the proposed installation - if necessary, the advice of a qualified engineer should be sought and is guaranteed under normal use conditions.

STEP 1

Form in smaller areas to roll in using vibrating roller

STEP 2

Roll one edge into the ground, then roll running **DIAGONALLY**



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INSTALLATION GUIDELINES:

This solution is ideal for ground protection used for overspill event parking or additional parking requirements. It is non-slip and will stop vehicles from rutting or becoming stuck. The laid area can also be marked out to allow for parking space allocation.

1. No real preparation is required, although it is advisable to cut the grass short.
2. Turn the paver as shown overleaf and lay it on the grass. Take the next paver, correctly oriented and locate it over the first panel lugs and apply foot pressure to complete the connection.
3. Ideally, lay an area of approximately 4.8 - 6m wide by 10 - 13m long. This is the general width of parking spaces (4.8m) or roadways (6m). It is easier to roll into the ground in small sections such as this.
4. Using a vibrating roller, roll one edge into the ground and then roll the rest of this area by running the roller **DIAGONALLY** over the grid area. If possible, leave the pavers about 5mm proud of the surface to allow the grass to breathe and aid growth.
5. Repeat with the next section and continue with this format until the whole area is laid. We suggest installing in sections laid adjacent to each other. The reason for construction in smaller areas is to reduce the creeping of the grids when rolling.



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