

## Gridforce Ground Reinforcement system using Gridforce 'IR30' product.

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 IR30 product. The Gridforce IR30 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.

Built for performance, safety and strength, while able to provide excellent sustainable drainage system, the Gridforce system can be used for a variety of building and landscaping applications which include soil, turf and grass-based lawn reinforcement designs as well as additional parking solutions.

Tough cell construction and excellent design means the Gridforce system is a brilliant erosion control tool maintaining a level surface structure and offering weather-resistance you won't find elsewhere. Constructed from 100% low density recycled plastic, 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, however 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.

**Recommended for:** Instant grass reinforcement

**Maximum load bearing capacity (empty pavers):**  
Dependant on existing ground conditions

**Size:** 389mm x 389mm x 30mm

**Detail:** 7 x 7 eyelets

**Wall thickness:** 3.0mm

**Weight:** 0.85kg per tile

**Packaging:** 6 tiles (3x2) = 0.92m<sup>2</sup>  
60 layers of 4 tiles = 73.5m<sup>2</sup>. 360 tiles per pallet  
Pallet dimensions = 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



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

## Installation guidelines:

1. No real preparation is required although it is advisable to cut the grass short.
2. Turn the paver as shown below and lay it on the grass. Take the next paver, correctly orientated and locate over the first panel lugs and apply foot pressure to complete connection.
3. When laying is complete, use a roller or vibrating roller to push pavers into the ground. If possible, leave the pavers about 5mm proud of the surface to allow the grass to breathe and aid growth.



Turn paver as shown



Clip next paver into previous paver



Continue connecting until area completed



Roll area to push grid into grass



industrial estate south, park road, calverton, nottingham ng14 6bp  
Telephone: **0115 965 7303** fax **0115 965 5151** email [info@gridforce.co.uk](mailto:info@gridforce.co.uk)  
[www.gridforce.co.uk](http://www.gridforce.co.uk)

Gridforce accepts no liability if due diligence and standard horticultural and civil engineering practices are not adhered to by the customer.

Similarly, when installing Gridforce 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.