



## THE **ULTIMATE** IN GROUND REINFORCEMENT

### Gridforce “Flip and Clip” Ground Reinforcement system using our ‘Park’ range of products

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 “Flip and clip” method can be adopted, utilising the Park range of products. The Gridforce Park range can be inverted and pressed into existing grass without the conventional dig-out and build-up of a sub-base. This cost-effective installation 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.

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% recycled plastic, Gridforce cell lawn-reinforcement system is designed with superior durability and strength, ensuring a long-lasting transformation of your grass or turfed area.

**Recommended for:** Gravel and Grass driveways, car parking, pathways, event parking, caravan parks, lawn and bank reinforcement, Instant grass reinforcement

**Maximum load bearing capacity (empty pavers):** up to 1000 tonnes/m<sup>2</sup> (Filled)

**Axle loading:** 10 tonnes

**Size:** 390mm x 580mm x 40mm

**Detail:** 54 honeycombs of 70mm x 70mm per tile

**Wall thickness:** 2.5mm

**Weight:** 0.75kg per tile

**Packaging:** 4 tiles (2x2) = 0.9m<sup>2</sup>, 60 layers of 4 tiles = 54m<sup>2</sup>, 240 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



This solution is ideal for ground protection used for overspill event parking or additional parking requirements that will stop vehicles rutting or becoming stuck. **Installation guidelines:**

1. No real preparation is required although it is advisable to cut the grass short.
2. Turn a paver upside down and lay it on the grass. Take the next paver, correctly orientated, line up edge with first panel 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 10mm proud of the surface to allow the grass to breath and aid growth.



Turn paver over as shown



Clip next paver into previous paver



Continue connecting until area completed



Roll area to push grid into grass



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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.