

## Green parking perfected

Grassrings enable increased parking capacity whilst maintaining green spaces. Suitable for private properties and commercial enterprises, the system achieves attractive occasional or overflow parking areas.

When laid across a prepared stone sub-base, Grassrings provide uncompromising grass reinforcement that prevents compaction of the root zone layer, enabling grass roots to obtain the necessary oxygen, moisture and nutrients they need to survive.

- The open grass grids provide over 90% root development area and 100% grass reinforcement coverage
- The grass parking mat's flexibility is designed to follow the contours of the land
- Each 500mm square tile has a simple but firm clipping mechanism
- The integrity of the circular design provides the strongest grass reinforcement available
- The tiles are manufactured from 100% recycled and UV stabilised, impact resistant polymer
- Curves can be laid with minimum wastage as joints in the grass protection grid can be staggered and cut as necessary

Take a closer look at [www.grassrings.com](http://www.grassrings.com)



Tiles easily cut to follow borders and edging

## Installation guidelines

1. Excavate soil (sub-grade) to the required depth (allowing for sufficient depth of sub-base material plus 50mm). The depth of the sub-base will vary depending on the intended use, ground conditions and engineer's specification. As a guide, it should be a minimum of 75-100mm for pedestrians, 100-150mm for light vehicles and 200-300mm for trucks.
2. Lay DRAINTEX or DRIVETEX geotextile fabric as per instructions for relevant product.
3. Secure using EXTRAFIX fixing pegs.
4. Lay stone sub-base layer (clean angular load bearing stone without clay fines) to the required depth. Compact and level to the engineer's specification, 40-50mm below the final finish level.
5. Add and spread evenly a thin layer (20-30mm) of sand (rounded root zone sand with an even sized particle distribution) and wash or roll into the sub-base until the stone is almost visible.
6. Evenly spread a layer of water storing polymer at a rate of 4kg per 100m<sup>2</sup> (using a mechanical rotary spreader).
7. Lay the Grassrings tiles over the base and clip together. Cut around obstructions, trees, kerbs etc. leaving a gap (min 50mm) to allow for expansion.
8. Evenly spread a grass starting fertiliser (see technical data below) at a rate of 7kg per 100m<sup>2</sup> (using a mechanical rotary spreader).
9. Half fill (approximately 15mm) the rings with a suitable root zone mix (see technical data below).
10. Spread grass seed (see technical data below) at a rate of 5kg per 100m<sup>2</sup> (using a mechanical rotary spreader).
11. Finish filling the rings with the root zone material using a large broom to ensure the top edge of the rings remains exposed.
12. Fertilise the seeded area again (see technical data below) at a rate of 7kg per 100m<sup>2</sup> (using a mechanical rotary spreader).
13. After installation the area must be kept moist. Consideration should be given to additional watering during extended periods of dry weather. The area must be protected from traffic for a minimum of 8 weeks or two cuts until the grass has fully established. Regular maintenance will be required including watering and fertilising in the spring/summer. The grass should be cut at approximately 50mm and certainly no less than 30mm.

*These instructions are provided as a guide only and do not offer any warranty (express or implied) since site conditions and requirements can vary.*

## Technical data

Panel Size	500mm x 500mm
Panel Depth	30mm
Cell Diameter	50mm
Pre-Seed Fertiliser (recommended)	10% nitrogen, 15% phosphate and 10% potassium
Root Zone (recommended)	70% sand & 30% recycled compost mix - pH6.5 – 7.2
Root Zone Mix (recommended)	Greenvelvet® Watersaver by Barenbrug
Material	100% recycled, UV stabilised HDPE
Resistance	Chemical resistant
Colour	Black*
Load Bearing Capacity	350 tonnes per m <sup>2</sup> **

\* Other colours available to order (subject to lead time and minimum order quantities)  
 \*\* When filled with correct topsoil / growing medium