

# EARTHWORX™

GROUND CONTROL THAT WORKS



EARTHWORX Gravelrings panels are an effective method of containing and stabilising loose aggregate surfacing. This helps to prevent gravel migration, sinking and rutting and makes it possible to walk, cycle and push wheeled vehicles (e.g. wheelchairs and pushchairs) over the surface.

The unique design of the grid includes an open mesh base which allows water to pass through whilst preventing the build-up of silt and fine debris within the cell. This prevents the aggregate working its way underneath the grid, causing it to lift and making it very difficult to rectify.

IDEAL FOR



CARAVAN PARKS



GOLF COURSES



DRIVEWAYS

CHECK OUT OUR VIDEO INSTALLATION GUIDE

[www.earthworxproducts.co.uk](http://www.earthworxproducts.co.uk)

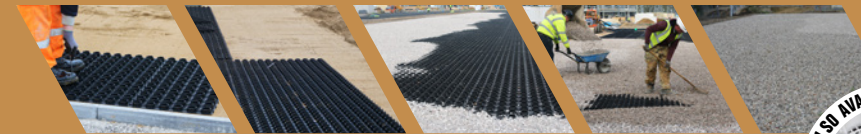


## INSTALLATION GUIDELINES

1. Excavate soil (sub-grade) to the required depth (allowing for sufficient depth of sub-base material and the panels / surface finish).
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 (e.g. MOT Type 1 or 3 - Type 3 must be used for porous installations) to the required depth, compact and level to engineer's specification.
5. Blind the surface with a layer of sharp sand or granite fines to level out any undulations in the sub-base before laying the panels.
6. Lay the Gravelrings panels over the base with the mesh side down and clip together. Fix down using the Gravelrings Fixing Pins (if required). Fixing pins should be used on slopes, edges, turning circles, cross-overs (including entrances and exits) and any areas more exposed to regular traffic e.g. roadways. The number of pins required will depend on the application and site conditions but as a guide allow 1 pin per square metre. Contact our sales team for specific fixing advice, particularly for areas of commercial use with heavier vehicles e.g. HGVs, coaches etc.
7. Leave a gap (min 50mm) when adjoining a kerb or any other type of fixed edging, obstruction or structure, to allow for expansion of the panels.
8. Spread the final gravel surface over the panels to a depth of approx 10-15mm higher than the top edge of the rings, so that they are concealed.
9. Rinse the gravel with water (if required) and lightly compact the gravel to aid settlement and consolidation.

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

- o Unique ring design = optimum strength
- o Excellent load bearing capacity
- o Suitable for pedestrians and vehicles
- o Open mesh base = no silt build up
- o Fully permeable gravel surface
- o Prevents gravel migration, sinking and rutting
- o Quick and easy to install
- o 25mm deep = uses less gravel
- o Fully compatible with Grassrings panels



## TECHNICAL DATA

Panel Size	500mm x 500mm
Panel Depth	25mm
Cell Diameter	50mm
Gravel Size (recommended)	6mm - 20mm (angular quarried aggregate only, marine washed, rounded and mixed aggregates should not be used)
Gravel Demand	45 - 50kg per m <sup>2</sup>
Material	100% recycled*, UV stabilised HDPE
Resistance	Chemical resistant
Colour	Black or white**
Load Bearing Capacity	350 tonnes per m <sup>2</sup> ***
Gradients	Gravelrings can be laid on slopes depending on the gradient - contact our sales team for advice.

\* White panels are made from part recycled material

\*\* Other colours available to order (subject to lead times and minimum order quantities)

\*\*\* When filled with 6 - 20mm angular gravel to a depth 15mm above the top of the cells.

T: 0800 197 8885

E: [enquiries@product-that-works.com](mailto:enquiries@product-that-works.com)