

The Gravelrings retention system makes impressive gravel driveways and paths possible without the common problems of stone migration, deep ruts or inconsistent coverage.

Gravelrings comprises interlocking gravel grid tiles made up of circular cells on a mesh base. The system has been carefully designed to provide superior performance to all common market alternatives.

- 25mm depth provides hidden stability beneath the surface of the gravel driveway
- Integral mesh base prevents gravel slipping beneath the tiles
- Our exclusive gravel grid design prevents silt build-up, resisting weed growth
- The flexibility of the gravel grid follows the contours of a gravel driveway
- Each 500mm square driveway grid has a simple but firm clipping mechanism
- The integrity of the circular design provides exceptional strength

Check out the full installation video [www.gravelrings.com](http://www.gravelrings.com)



Also available in white



## New driveway installation guidelines

1. Excavate soil (sub-grade) to the required depth (allowing for sufficient depth of sub-base material and the tiles / surface finish). 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 (e.g. MOT Type 1 or 3. Type 3 must be used for porous installations) to the required depth. Compact and level to the engineer's specification.
5. Fix Graveledge edging around the perimeter of the driveway to contain the gravel on the drive area. For areas adjoining a solid structure (e.g.a wall, fence or raised kerb stone) you won't require an edging. The fastest fixing method is to nail down using a concrete nail gun or alternatively, drill and pilot hole in the existing surface and hammer in our Gravelring Fixing Pin or screw down using a concrete screw and washer.
6. Blind the surface with a 5-10mm layer of sharp sand or granite fines to level out any undulations in the sub-base before laying the panels.
7. Lay the Gravelrings tiles 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.
8. 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.
9. Spread the final gravel surface over the panels to a depth of approximately 10-15mm higher than the top edge of the rings, so that they are concealed.
10. Rinse the gravel with water (if required) and lightly compact the gravel to aid settlement and consolidation.
11. After installation, some ongoing regular maintenance may be required to ensure the tiles remain covered, particularly on areas subject to commercial or heavier use.

## 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	58 – 67kg per m <sup>2</sup>
Material	100% recycled*, UV stabilised HDPE
Resistance	Chemical resistant
Colour	Black or White**
Load Bearing Capacity	In excess of 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 materials

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

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

Gravelrings overlay system creates elegant gravel driveways without the mess and cost of excavation work, as the sub-base is already laid.

Upgrade your existing driveway to a beautiful gravel driveway, while avoiding the common pitfalls associated with gravel surfaces – gravel migration, sinking and rutting. Gravelrings overlay system has been designed to accelerate the installation process of gravel driveways.

- No planning permission is required, unlike alternative driveway surface finishings
- Installation is quick, 170sqm has been proven to be laid by two landscapers in under two days.
- No digging is needed, as the sub-base is already laid
- Efficient and cost-effective solution to achieving a gravel driveway



## Overlay installation guidelines

1. Prepare the existing surface removing any loose surface. Check for any pot holes or ruts and fill with a stone sub-base material (e.g. MOT Type 1) Any minor undulations can be filled with sharp sand or granite fines. Compact and level flush with the existing surface.
2. Fix Gravelrings edging around the perimeter of the driveway to contain the gravel on the drive area. For areas adjoining a solid structure (e.g. a wall, fence or raised kerb stone) you won't require an edging. The fastest fixing method is to nail down using a concrete nail gun or alternatively, drill and pilot hole in the existing surface and hammer in our Gravelrings Fixing Pin or screw down using a concrete screw and washer.
3. Lay the Gravelrings tiles over the base with the mesh side down and clip together. Fix down using the same method as the edging. Particular attention should be paid to slopes, edges, turning circles, cross-overs (including entrances and exits) and any areas more exposed to regular traffic, e.g. roadways. The number of fixings required will depend on the application and site conditions but as a guide, allow 1 fixing per square metre. Contact our sales team for specific fixing advice, particularly for areas of commercial use with heavier vehicles.
4. Leave a gap (min 50mm) when adjoining a kerb or any other type of fixing edging, obstruction or structure, to allow for expansion of the panels.
5. Spread the final gravel surface over the panels to a depth of approximately 10-15mm higher than the top edge of the rings, so that they are concealed.
6. Rinse the gravel with water (if required) and lightly compact the gravel to aid settlement and consolidation
7. After installation, some ongoing maintenance may be required to ensure the tiles remain covered, particularly on areas subject to commercial or heavier use.

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

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