

## 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 if a more porous installation is required and a 4-20mm clean angular load bearing stone for SuDS compliant 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.

