

GRASSPAVE

INSTALLATION GUIDE

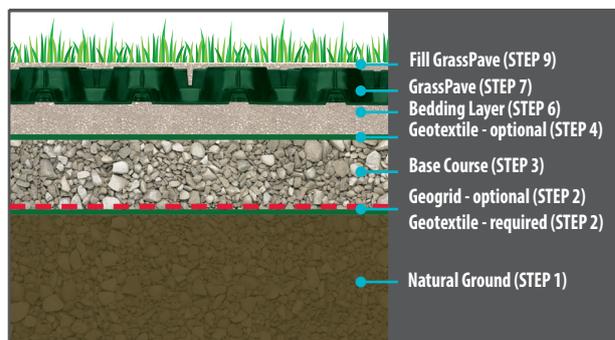


GRASSED SURFACES

- 1** Excavate ground to shape and level to achieve sufficient gradient and load bearing etc. GrassPave is suitable for slopes less than 11 degrees in gradient.
- 2** Depending on the soil type and projected traffic loadings, a geotextile (DuraForce® AS240) is required. For additional strength a geogrid can be used.
- 3** Place and compact a suitable base course material as per Note 1 below ensuring that the area is shaped to sufficient gradients to prevent ponding.
- 4** A geotextile (DuraForce® AS240) can be laid on top of the base course as a separation layer between this and the sandy top soil bedding layer to prevent migration of the particles. This is essential when using a permeable reduced fines base course but optional when using a roading type base course.
- 5** Install edging restraints and irrigation (if required). The AluExcel® edging system is designed to work with GrassPave.
- 6** Place 30mm – 50mm layer of root zone mix consisting of sandy topsoil (70% coarse sand to 30% good screened topsoil) over the base course layer and screed to level, but do not compact.
- 7** Lay GrassPave panels on the sandy topsoil layer working from left to right with the connecting lugs on the panel leading. Avoid standing directly on the prepared surface – stand on the GrassPave panels and ensure they interlock together correctly.
- 8** Panels can be offset by cell increments or cut to shape using simple hand tools e.g. fit around obstructions and curves. The use of cut-pieces which do not have the correct unique, interlocking system should be avoided wherever possible. GrassPave also has allocation for pinning to the ground if necessary i.e. on steeper slopes or heavy turning areas.
- 9** Fill the panels with the same root zone mix as used for the bedding layer, (see step 6), to 10mm above the top of the GrassPave panels for consolidation. Use a plate compactor to consolidate the filling material into the paver's. Fill any voids that show

due to this process with more root zone mix and leave filling material flush with the GrassPave panels.

- 10** Carry out a normal seeding, fertilizing and watering program. A light top dressing may be applied to just cover the seed and to provide adequate germination conditions. Hydro seeding is a good option. Once established, mow as usual. Wear will be dependent on the type of grass used and the frequency of vehicles. To prevent wear on driveways and parking areas, gravel can be used.
- 10a** If using rolled turf or instant lawn, ensure filling material is finished just below the top of the GrassPave panels and roll the turf into the surface to ensure the root zone is protected by the panel cell structure.
- 11** Normal establishment time should be allowed for the grass before the surface is trafficked.



NOTE 1.

The base course will need to be designed to the projected loadings, traffic volume and soil conditions and other contributing factors that correspond directly with the project that GrassPave is to be used in.

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