

# SUREPAVE®

## INSTALLATION GUIDE



### GRASSED SURFACES

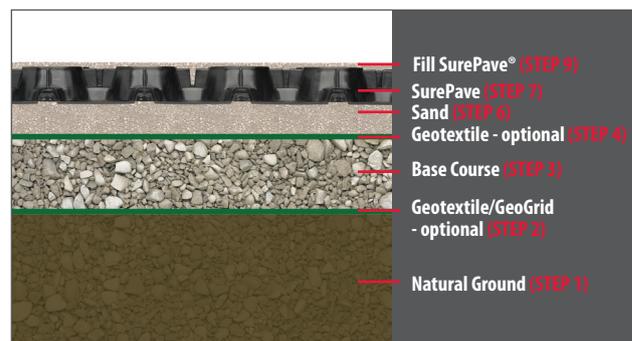
- 1** Excavate ground to shape and levels to achieve sufficient gradient and load bearing etc.
- 2** Depending on the soil type and projected traffic loadings, a geotextile and/or geogrid may be laid on the excavated surface.
- 3** Place and compact a suitable base course material to sufficient depth to take projected loadings, (refer to guide in Table 1), ensuring that the area is shaped to sufficient gradients to prevent ponding.
- 4** A geotextile 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). For edging restraints, the AluExcel® edging system is designed to work with SurePave®.
- 6** Place 50mm – 75mm layer of root zone consisting of sandy topsoil, (60 – 70% coarse sand to 30 – 40% good screened topsoil), over the base course layer and screed to level.
- 7** Lay SurePave® panels on the sandy topsoil layer working from left to right with the connecting lugs (male joiners) on the panel leading. Avoid standing directly on the prepared surface – stand on the SurePave® panels and ensure they interlock together correctly.
- 8** Panels can be offset by cell increments or cut to shape using simple hand tools to fit around obstructions and curves. The use of cut-pieces which do not have the correct unique, interlocking system should be avoided wherever possible. SurePave® also has allocation for pinning to the ground if necessary. I.e On steep 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 SurePave® panels for consolidation.

Use a plate compactor to consolidate the filling material into the pavers. Fill any voids the show due to this process with more root zone mix and leave filling material flush with the SurePave panels.

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.

If using rolled turf or instant lawn, ensure filling material is finished just below the top of the SurePave® panels and roll the turf into the surface to ensure the root zone is protected by the panel cell structure.

Normal establishment time should be allowed for the grass before the surface is trafficked but, for critical/emergency access purposes it can be used immediately.



TRAFFIC TYPE	TYPICAL BASE COURSE THICKNESS
Pedestrian/Bicycles	50 - 100mm
Light Vehicles	75 - 150mm
Heavy Vehicles	150<

The base course design 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 SurePave® is to be used in.

