



Sub-base Preparations



During Installation



Completion

Installation Method - Prepare Ground

1. Excavate existing ground to suit application and CBR conditions. Check subsoil permeability and water table. Install suitable drainage system if infiltration not possible. (Drainage is a key element for the performance of the system)
2. Lay Turftex Geotextile, overlapping joints by 300mm
3. Lay reinforcing Geogrid if required
4. Install the required depth of sub-base Type 3 (open graded granular sub-base) as described in Specification for Highways Works Clause 805
5. Bedding layer:

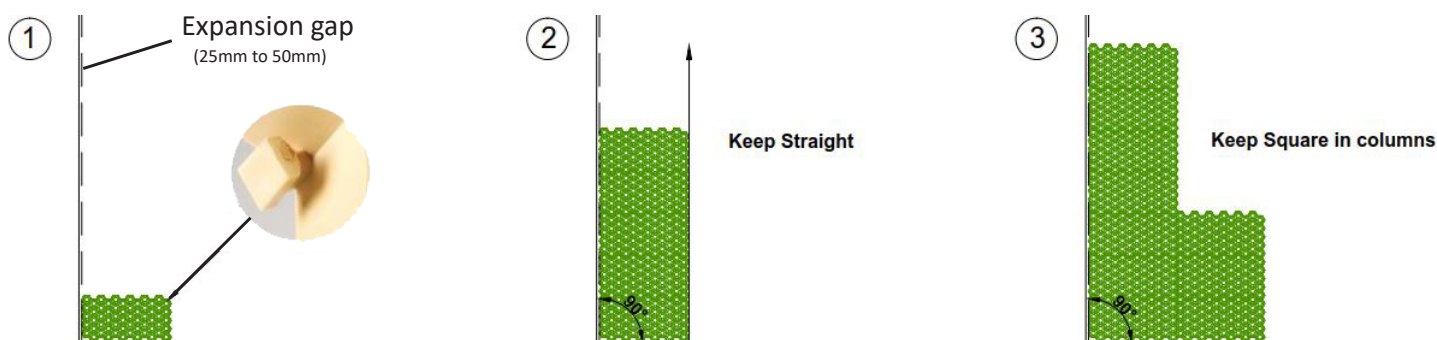
For Gravel surface: Lay second layer of Turftex geotextile and then a layer of 25mm of grit/sharp sand (according to BS7533) (just rolled not compacted)

For Grass seed/soil surface: Install 100mm bedding layer of 70/30 Rootzone (+/- 10mm) (just rolled not compacted)

For Grass Pre-Grown surface: Install 100mm bedding layer of 70/30 Rootzone (+/- 10mm) (just rolled not compacted)

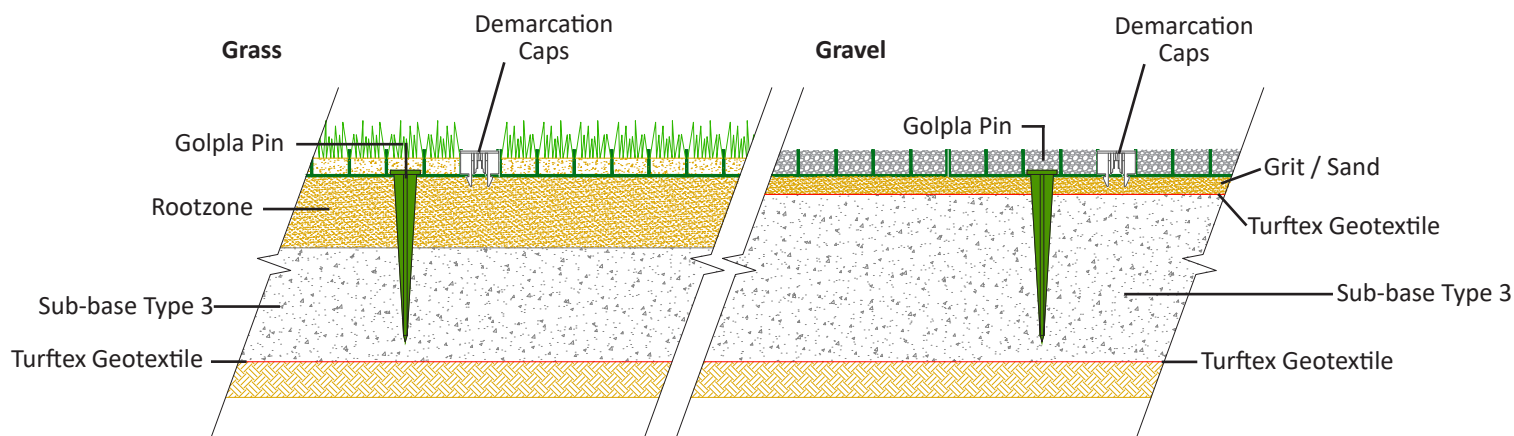


6. Laying of Golpla units



- Start in the bottom left hand corner leaving a 25 to 50mm expansion gap around the perimeter
- Lay first unit with connecting tabs facing forward, ensure line is straight and complete first row
- Start second row ensuring it is square to the first row; do not lay in 2 directions at the same time
- Line up all long and short sides, do not lay in a bond. Allow a 25mm expansion gap every 20 metres and against any kerbs in the body of the surface
- Continue until all units are installed; consolidate the surface with a plate compactor or light roller
- Dimensions of each Golpla® unit: 640mm long by 330mm wide by 38 mm in depth

Laying of units



- For ease, pilot a hole and then insert Golpla® pins evenly at a rate of 1 per square metre
- Cut Golpla® units with a hand or power saw to fit the shape of the area
- Any cut units should be installed with additional pins
- Insert demarcation markers as required before filling

7. Filling the Golpla® Units

For Gravel surface: Use 6-10mm clean angular gravel to completely fill units leaving the top edge visible

For Grass seed or soil surface: Use good quality friable top soil to fill the units. DO NOT compact. Remove any overfill leaving the plastic edge visible and allow to settle (settlement can be achieved with a light vibrating plate). This will leave a 5-10mm gap and should NOT be topped. Apply grass seed

For Grass Pre-Grown surface: Water within 6 hours of laying and then regularly for a minimum of 4 weeks

Golpla® Aftercare Tips (✓)

- ✓ Cut the grass as required but keep the blades above their lowest setting to avoid the risk of clipping the Golpla® units. Remove grass cuttings.
- ✓ Apply a fertiliser in the spring and autumn months to keep the grass healthy and at other times as required
- ✓ In the case of soil and seed, it can take 6 months before the grass has established sufficiently to enable regular traffic



Gravel over Golpla®



Soil over Golpla®

Click here to view a Golpla® Installation video!