

How to Install a commercial site

using TRUEGRID® PRO PLUS Permeable Pavers



TG01-807

This Guide offers step-by-step instructions for quick, hassle-free installation of TRUEGRID® PRO PLUS Permeable Paving. If you have any questions about your installation, please contact a TRUEGRID Installation Specialist at 855-355-GRID (855-355-4743)

Before you begin: Materials & Equipment

Materials checklist

- Base rock: Clean, angular stone $\frac{3}{4}$ " to 1". (#57 common)
 - Do NOT use round rock. This can lead to less stable base. Angular stone is preferred since it locks together.
 - When detention or subsurface drainage is not needed, a typical compactable road base can be used.
- TRUEGRID PRO PLUS Pavers
- Geotextile fabric (if specified)
- Infill rock: Clean, angular stone $\frac{1}{2}$ " to $\frac{3}{4}$ "

Equipment checklist

- excavation equipment
- compaction equipment - vibrating roller or plate compactor for smaller jobs
- circular saw or reciprocating saw (if needed for trimming edges)
- spreading equipment - skid steer, hand rakes, etc

Before you begin: Site Prep

1. Excavate to depth as specified on approved site plans
 - Proof roll subgrade.
 - Make sure you have proper total depth including base depth plus your TRUEGRID depth.
 - It is important to ensure the site is excavated such that the TRUEGRID product is flush or slightly recessed below the surrounding grade
2. Install any under drain system if specified on approved site plan. Sloping subgrade will also allow for sheetflow in needed direction.

Installation steps

1. Install geotextile fabric per manufacturer's specification...adds stabilization to subgrade & separation from base aggregate.

- **Note:** Subgrade must be relatively dry with no standing water prior to TRUEGRID® paver installation.

2. Install base material per approved site plans

- TRUEGRID recommends to install the base material in 4" lifts
- After each lift it is recommended to use the compaction equipment

3. Complete base material installation with final pass of compaction equipment

- It is important that the base material is level enough so that the TRUEGRID is fully supported

4. Install TRUEGRID PRO PLUS

- Start in corner of site with male tabs on grid facing out. Line up grid and connect next grid section. TRUEGRID will typically go down at around 1000 SF per man/hr.
- Install TRUEGRID SuperSpots if specified on approved site plans

5. Spread fill material into TRUEGRID PRO PLUS

- A fully loaded gravel truck can drive on the empty TRUEGRID PRO PLUS to speed up the fill material installation. This ability saves a lot of installation time.
- TRUEGRID recommends to fill the product flush to the top and not overfill. Overfill is an option, however, there will be maintenance for the loose overfill aggregate.
- Final heavy roll or compaction may be necessary to settle in infill aggregate for topping off cells that are not completely full.