

Typical Commercial Site Gravel Infill Installation Guide



This Guide offers step-by-step instructions for quick, hassle-free assembly and 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)

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BEFORE YOU BEGIN: MATERIALS & EQUIPMENT

Materials Checklist

- ___ Base Rock: Clean, Angular Stone, Uniform Size from 1" to 1½"
 - 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, Uniform Size from ½" to ¾"

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

- ___ 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.
- ___ Install any under drain system if specified on approved site plan. Sloping subgrade will also allow for sheetflow in needed direction.



Excavate to depth of base and PRO PLUS.



Compact subgrade with rolling compactor or other equipment.



Install under drain system, if specified.

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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.



Place Geotextile fabric and pin overlaps.

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.



Place and compact base material. Compact in 4" Lifts.

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.



Compact and level base.

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 1,000SF per labor hour.
 - Install TRUEGRID SuperSpots® if specified on approved site plans.



Place TRUEGRID PRO PLUS and connect.



Insert SuperSpots, SnowSpots™, and Plates™.

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.



Place and spread fill material.



Spread fill material level to the top of the PRO PLUS cells.