

Typical ROOT Installation Guide



This Guide offers step-by-step instructions for quick, hassle-free installation of TRUEGRID® ROOT™ 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

__ TRUEGRID PRO ROOT Pavers

Equipment Checklist

- __ Compaction Equipment: To compress TRUEGRID ROOT into existing grass.
 - Example: Heavy roller, plate compactor or jumping jack, and hand tamper* for smaller areas. Heavy roller is quickest for large areas.
- __ Water: Access to running water or water tank for remote projects
- __ Circular Saw or Reciprocating Saw (if needed for trimming edges or around existing objects/trees on lot)
- __ Sod Staples/U-Pins and Hammer: For reuse of trimmed ROOT pieces and some edges or transition areas

BEFORE YOU BEGIN: SITE PREP

- __ Level out any deep potholes or ruts, if needed. TRUEGRID ROOT will flex to conform to most surface unevenness that exist.
 - Fill in and compact infill for any existing ruts or pot holes in the area.
 - Mowing recommended in most cases. Mow to the lowest setting the grass species can withstand to remain healthy.
 - Ground is best to be sufficiently saturated at the surface layer for a softer grass surface before compressing TRUEGRID ROOT into place.
- __ Outside temperature and ground temperature – to a depth of at least 1-inch / 2.5cm – should be above freezing and above 55°F (13° C) for clay soils.



Level out any ruts, and remove any debris from the surface.



Mowing is recommended in most cases. Mow as low as the grass species will allow for a healthy grass.



Saturate with water to 1" deep soil or greater.

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INSTALLATION STEPS

1. Install TRUEGRID ROOT™

- Start in corner of site with the receiver slots on grid facing out. Line up grid and connect the next ROOT paver or sheet with empty cells facing down. The "grid-side" of TRUEGRID ROOT, with the most surface area, should be facing up. TRUEGRID will typically go down at around 1000 SF per man/hr.
- If included on project, position and insert ROOT STRIPE delineators for parking marking or other identification. Connect all STRIPE snap-locks to ROOT cells by pressing on the surface of the STRIPE.

2. Compress TRUEGRID ROOT into sufficiently watered grass with heavy roller or other equipment* to allow ROOT to cut into the top soil/grass.

3. TRUEGRID ROOT can be trimmed to fit around trees or any other existing objects that need to remain on grass lot. TRUEGRID ROOT can be trimmed to fit along parking lot edges, if needed.

- Re-compaction may be needed after trimming/cutting.
- Hammer sod staples/u-pins to secure trimmed pieces to adjacent pieces when built-in connectors cannot be secured or when edges do not rest flat to the grade/grass surface.

* Different soil compositions and grass species may require different compaction equipment or a combination of equipment: Rollers, plate compactors, jumping jacks, and hand tampers.

Note: This installation guide and installation is not recommended for ROOT on St. Augustine grass and other horizontal stolon (crawling) type grasses.



Line-up ROOT pieces with receiver tabs facing out. Connect to the next piece or sheet with empty cells facing down and grid-side up.



Position and insert ROOT STRIPES, if included on project, prior to compaction.



Use compacting equipment – heavy rolling compactor, plate compactor, jumping jack, and hand tamper – to press ROOT into the soil.



Cut to fit the area to allow for sprinkler heads, curbing, or other obstacles. Mechanical saws are recommended.



Use sod staples or other pins, as needed, on edges or and other areas to secure ROOT.