

How to Install a New Grass Driveway on Undeveloped Land

using TRUEGRID® PRO LITE Permeable Pavers



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This Guide offers step-by-step instructions for quick, hassle-free installation of TRUEGRID® PRO LITE 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 LITE Pavers.
- ___ Base course: $\frac{3}{4}$ " minus, graded road base
 - Do NOT use material from recycled concrete or recycled asphalt.
 - A mixture of #57 stone and sand mix may be substituted when road base is not available.
- ___ Topsoil infill or other specified growing media.
- ___ Sod or seed/hydroseed
- ___ Irrigation supplies, connecting tools, and irrigation flags, if specified.

Equipment checklist

- ___ excavation equipment
- ___ compaction equipment – rolling compactor or vibrating plate compactor for smaller jobs
- ___ circular saw or reciprocating saw (if needed for trimming edges)
- ___ spreading equipment - skid steer, hand rakes, brooms, etc
- ___ water source and hose
- ___ sod roller
- ___ sod laying machine or hydroseeding sprayer unit for large jobs

Before you begin: Site Prep

1. Excavate to depth as specified on approved site plans, if no site plans are provided, please refer to drawing 2.02.60 PRO LITE Grass Infill Typical Residential Vehicle and excavate a minimum of 7 inches.
 - 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 maximum 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. Trench (slightly larger than line width) and run irrigation lines and connect irrigation heads, if specified.
 - Most irrigation heads can be set on the perimeter of the TRUEGRID grass area, especially for smaller areas.
 - If heads are contained inside the TRUEGRID area, recess the top of the irrigation head 1/2" below the final TRUEGRID grade (1/2" inch above final base material).
 - Refill, level and lightly compact base in trenched irrigation line areas. Remove excess base.
5. Install TRUEGRID PRO LITE
 - 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.
 - Fit irrigation head, if applicable, through open TRUEGRID void or by cutting the smallest portions of the grid possible. Flag irrigation heads.
 - Install TRUEGRID SuperSpots if specified on approved site plans
6. Grass fill options for PRO LITE – See specification: Choose either sodding or seeding/hydroseeding.
 - A fully loaded truck can drive on the empty TRUEGRID PRO LITE to speed up the topsoil material installation. This ability saves a lot of installation time.
 - Sodding:
 - Place sod onto TRUEGRID PRO LITE. Use a commercial sod laying machine for large jobs.
 - Cut and remove (or avoid placing) small area of sod over flagged irrigation heads.
 - Wet and saturate sod.
 - Use a sod roller to compact sod into TRUEGRID so thatch layer is even with the top of the TRUEGRID PRO LITE.
 - Seeding:
 - Fill topsoil level to the top of the TRUEGRID PRO LITE.
 - Remove or clear small area of soil over flagged irrigation heads.
 - Options: Choose either seeding or hydroseeding
 - Seed: Spread grass seed per volume recommended by producer.
 - Place a light dusting of topsoil above the seeded area.
 - Hydroseed: Spread mix per volume recommended by manufacturer.
7. Water generously several times per day for grass germination and root development.