

# Glean Corporation Installation Guide

## PROFESSIONAL INSTALLATION MANUAL FOR INTERLOCKING TILES & BRICKS

### Pre-Installation Planning:

#### Site Assessment:

1. Conduct soil bearing capacity test
2. Identify drainage requirements
3. Check for underground utilities
4. Assess existing grade and slopes

#### Tools and Equipment Required:

- Excavation equipment (mini-excavator or hand tools)
- Plate compactor (minimum 5000 lb force)
- Screed rails and screed board
- String lines and stakes
- Rubber mallet (2-3 lb)
- Wet saw with diamond blade
- Level (4-foot minimum)

### Step-by-Step Installation:

#### Step 1: Excavation

- Mark installation boundaries
- Call 811 for utility location
- Excavate to proper depth (8-10 inches total)
- Create proper slopes for drainage (minimum 1%)

#### Step 2: Base Installation

- Use 3/4" minus crushed stone aggregate
- Install in 4-inch lifts maximum
- Compact each lift to 95% density
- Maintain proper cross-slope for drainage

#### Step 3: Bedding Sand Installation

- Use concrete sand (ASTM C33)
- Install 1-inch thick layer
- Do not compact bedding sand
- Screed to uniform thickness

#### Step 4: Tile Installation

- Begin at longest straight edge
- Establish square starting corner
- Use string lines for alignment
- Maintain tight joints between tiles

#### Step 5: Edge Restraints

- Install concrete or steel edge restraints
- Secure at proper height
- Ensure tight fit against tiles

#### Step 6: Final Compaction

- Use plate compactor with rubber pad
- Make 2-3 passes over entire surface
- Fill joints with fine sand
- Make final cleaning pass

#### Contact for Support:

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