EarthLock™ Installation Guide

with Tensar TriAx® technology

EarthLock.net | 888-996-3580

Jobsite Geogrid

Product Dimensions: 6 ft wide x 60 ft long

Soil Stabilization Geogrid for Earthwork Projects

For soft soil encountered during construction, please contact Tensar or consult a licensed engineer or other qualified professional.

STEP 1
Prepare Site

STEP 2
Roll Out Geogrid

STEP 3
Dump, Spread & Compact Fill

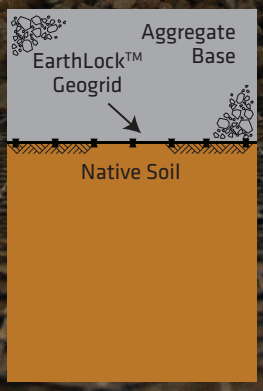
STEP 4
No more delays or stuck equipment!

Install Checklist:

- ☐ Prepare site in accordance with project specifications
- ☐ Install geogrid over soft soils
- ☐ Gloves should be worn when handling and cutting
- ☐ Lay geogrid flat and free from folds
- ☐ Cut and overlap geogrid to accommodate curves using sharp shears or utility knife

Solve soft ground issues & keep your jobsites running

WITHOUT EarthLock Geogrid



With EarthLock Geogrid

Guide for Estimating Subgrade Soil Strengths (Fine-Grained Soils)

Feel	Equipment/Visual	Clear All Vegetation	Geogrid Overlap	Direct Traffic During Install	Aggregate Base Thickness**
Very Soft	Man standing sinks > 3 inches	No	3 ft*	No	35"
Soft	Man walking sinks ~ 2 - 3 inches	Usually	2-3 ft	No	19"
Medium	Man walking sinks ~ 1 inch	Usually	2-3 ft	No	11"
Stiff	Pickup truck ruts ~ 1/2 - 1 inch	Yes	1-2 ft	Limited	7"
Very Stiff	Loaded dump truck ruts ~ 1 - 3 inches	Yes	1 ft	Yes	5"
Hard	Insignificant ruts from loaded dump truck	Yes	1 ft	Yes	5"

**Use 8" cable ties (zip ties) to secure overlap.*

**The required thickness of aggregate base (rock/gravel) placed on top of the geogrid will vary depending on the equipment used, quality of rock/gravel and native soils. The recommended aggregate base thicknesses are based on 20kip axle loads with 100 psi tire pressures. For different conditions please contact a Tensar representative or consult with a professional engineer.

Geogrid use is at installer/owner's own risk.