GEOTERRA®
construction mats

Safest Construction Mats in the Industry.
GEOTERRA® Mats
Leading the Construction Industry in Safety and Value.

GEOTERRA® Mats are built tough.
GEOTERRA® heavy-duty HDPE construction mats support thousands of times their own weight—yet they are light enough to install without heavy equipment. Equivalent to 12 inches of aggregate—without the hassle of cleanup.

The safest, most economical site access.
Quick and easy handling, deployment without the need for heavy placement equipment is safer for workers—less injuries and less downtime. GEOTERRA® mats are easy to remove and can be reused—offering a low life-cycle cost—and at a fraction of the cost of heavier composite HDPE and timber mats.

The Best Value in Construction Mats

Why rent when you can own? There simply is no other construction mat on the market that offers high performance at such low cost and with easy, versatile installation.

LOW COST TO OWN
Up to 70% lower cost than heavier HDPE composite or timber mat systems.

FAST & EASY TO MOBILIZE
Fast deployment. Fast installation. No heavy lifting equipment required.

STRONG & DURABLE
Built strong, yet lightweight. Weather-resistant high-density polyethylene material will not degrade or rot.

EASY ON THE ENVIRONMENT
Porous mats allow water infiltration and are reusable. Low carbon footprint compared to timber mats.

VERSATILE USE & REUSE
Over soil, turf or integrated with geosynthetic drainage system for long-term use. Remove & reuse.

LAYOUT VERSATILITY
Mats are “locked” together as one contiguous system with bolts or PADLOCS® to fit any site layout.
Two Mat Styles

GEOTERRA®
(PADLOC® Connection)
The most economical mat in the industry. Strong PADLOC® connectors lock mat units together—forming an integrated mat sized to fit any site configuration.

GEOTERRA® GTO
(Bolt Connection)
The fastest mat to install. Large HDPE bolts connect “over/under” tabs securing the units. Like GEOTERRA® mats, GEOTERRA® GTO mats are locked together to fit any site configuration.

Typical Uses
- Temporary or long-term use
- Access roads over soft ground/remote locations
- Oil-drilling platforms
- Construction site access
- Landscape, cemetery & utility access over lawns
- Equipment/vehicle storage
- Emergency site access
- Helipads

CONSTRUCTION MAT COMPARISON CHART

<table>
<thead>
<tr>
<th>DELIVERY/PLACEMENT</th>
<th>TRANSPORTABILITY</th>
<th>HEAVY EQUIPMENT REQUIRED</th>
<th>INSTALLATION SAFETY</th>
<th>EASE OF HANDLING</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOTERRA® GTO</td>
<td>Very Easy</td>
<td>No</td>
<td>Safe</td>
<td>Very Easy</td>
</tr>
<tr>
<td>GEOTERRA® PADLOC®</td>
<td>Very Easy</td>
<td>No</td>
<td>Safe</td>
<td>Very Easy</td>
</tr>
<tr>
<td>Composite HDPE Mats</td>
<td>Moderate</td>
<td>Yes</td>
<td>Some Caution</td>
<td>Moderate</td>
</tr>
<tr>
<td>Steel and Fiberglass Mats</td>
<td>Very Difficult</td>
<td>Yes</td>
<td>Use Caution</td>
<td>Very Difficult</td>
</tr>
<tr>
<td>Timber Mats</td>
<td>Very Difficult</td>
<td>Yes</td>
<td>Use Caution</td>
<td>Very Difficult</td>
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<table>
<thead>
<tr>
<th>PERFORMANCE</th>
<th>STRENGTH</th>
<th>SOFT SOIL BRIDGING</th>
<th>POROUS/RELIEVES PORE PRESSURE</th>
<th>WEATHER RESISTANCE</th>
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<tbody>
<tr>
<td>GEOTERRA® GTO</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>High</td>
</tr>
<tr>
<td>GEOTERRA® PADLOC®</td>
<td>High</td>
<td>High</td>
<td>Yes</td>
<td>High</td>
</tr>
<tr>
<td>Composite HDPE Mats</td>
<td>Very High</td>
<td>Very High</td>
<td>No</td>
<td>High</td>
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<td>Very High</td>
<td>Very High</td>
<td>No</td>
<td>High</td>
</tr>
<tr>
<td>Timber Mats</td>
<td>Very High</td>
<td>Very High</td>
<td>Slightly</td>
<td>Moderate/Low (if wet conditions)</td>
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<thead>
<tr>
<th>INSTALLATION</th>
<th>LAYDOWN VERSATILITY</th>
<th>SPEED</th>
<th>EASE OF ASSEMBLY/DISASSEMBLY</th>
</tr>
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<tbody>
<tr>
<td>GEOTERRA® GTO</td>
<td>Very Versatile</td>
<td>Quick</td>
<td>Very Easy</td>
</tr>
<tr>
<td>GEOTERRA® PADLOC®</td>
<td>Very Versatile</td>
<td>Moderate</td>
<td>Easy</td>
</tr>
<tr>
<td>Composite HDPE Mats</td>
<td>Versatile</td>
<td>Moderate</td>
<td>Moderate/Heavy Equip.</td>
</tr>
<tr>
<td>Steel and Fiberglass Mats</td>
<td>Not Versatile</td>
<td>Slow</td>
<td>Difficult/Heavy Equip.</td>
</tr>
<tr>
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<tr>
<th>VALUE/COST</th>
<th>INITIAL PURCHASE PRICE</th>
<th>REUSABILITY</th>
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<tbody>
<tr>
<td>GEOTERRA® GTO</td>
<td>Low</td>
<td>Very High</td>
</tr>
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</table>
Turf Protection & Site Access

**TURF PROTECTION**
Protect lawn for temporary access. GEOTERRA® mats placed over grass protect turf from concentrated rutting and turf damage caused by vehicle and equipment traffic. Open design allows sunlight/moisture to reach protected turf.

Perfect for landscape and utility work, and maintenance access.

**SITE ACCESS ROADS & PADS**
Quickly build access roads and working platforms over soft ground for construction or maintenance vehicles and equipment.

High flexural strength GEOTERRA® mats perform well over soft soils—even with heavily loaded trucks or equipment.
APPLICATIONS

Low Environmental Impact

PERMANENT ACCESS INTO ENVIRONMENTAL & PROTECTED AREAS
Environmentally-sensitive areas can be accessed with minimal disturbance.
GEOTERRA® mats can also allow natural grass growth through the open-celled structure.

“FLOATING” ATV TRAILS
Create low-impact, floating roads without fill for light- to medium-weight traffic. Ideal in areas with limited or costly aggregate resources.

CROSS OVER WET, SOFT GROUND
Cross extremely wet ground in undeveloped or wetlands areas with maintenance vehicles and equipment.

TREE ROOT PROTECTION
Support vehicle loading and protect the critical tree root zone from damage caused by construction vehicle loading.

BRIDGE HARD SURFACE “JUMPS”
Protect hard pavements when crossing over jumps between paved and unpaved areas.
ACCESS OVER SAND OR NON-SUPPORTIVE SOIL
Bridge over sand and other soft soils for safe, heavy access.

WALKWAYS, HELIPADS & WORKING PADS
Create portable walkways and helipads in remote areas for temporary construction.
Build short- or long-term work pads and staging areas where aggregate resources are limited or costly—such as in oil & gas or wind operations.

TRACKING PADS
Reduce mud tracking from job sites. Bridge over grass or muddy areas to keep construction and maintenance vehicles from getting stuck.
Installing GEOTERRA® Mats is fast and easy. Mats can be connected and configured to any size to meet unique site requirements.

PRODUCT DELIVERY
GEOTERRA® mat sections are delivered on cubed pallets. Lightweight GEOTERRA® sections are easy for crews to unload and place by hand.

- GEOTERRA® weighs only 2 lbs/sf
- GEOTERRA® GTO weighs only 3 lbs/sf

ASSEMBLY & INSTALLATION

GEOTERRA® Mats
GEOTERRA® mat sections are locked together with PADLOC® connectors. Large mats can be preassembled off-site for easy on-site installation. They are easy to handle by construction crews without specialized equipment.

PADLOC® Connector

GEOTERRA® GTO Mats
Large overlapping tabs and large bolts make connecting GEOTERRA® GTO mats fast and easy.

GTO: Yellow bolts are available for edge and center-line delineation.