

GEOWEB®

Load Support System

Construction Resource Package



LOAD SUPPORT





PRESTO



GEOSYSTEMS

GEOWEB®
Load Support System

Install Resources

What You Will Find

[Learn About GEOWEB® Load Support](#)

[Installation Resources + Video](#)

[Complete System Accessories](#)

[Learn About ATRA® Keys](#)

[Learn About ATRA® Anchors & Drivers](#)

[Watch How-To & Project Videos](#)

[Evaluate Your Site](#)

[Construction Training & Oversight](#)

[See Markets & Industries](#)

[Get a Material Estimate](#)



PRESTO



Install Resources
for your project



What is the GEOWEB System?

Get Familiar with the 3D System

See how the GEOWEB® system is installed for roads & pavements:

- [Overview Brochure](#)
- [Visit our Photo Gallery](#)
- [See Project Case Studies](#)



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How do you Install it?

Install Resources
for your project



Review Installation Sequence

The GEOWEB® system is fast & easy to install. See simple installation in this step-by-step overview.

- [Simplified Installation Guide](#)

Want to Learn More?

- [Read the Full Installation Guide](#)

INSTALLATION GUIDE

■ **simplified**



GEOWEB® Load Support System

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for your project



Is Installation Weather Dependent?

All Weather Material

GEOWEB® projects are installed in extreme temperatures and weather—from the coldest to the hottest regions of the world.

Rain or snow—keep your crews working through any weather condition.



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Watch Short Install Video

See how the GEOWEB® system is installed in this quick step-by-step overview of the construction steps.



Easy Installation



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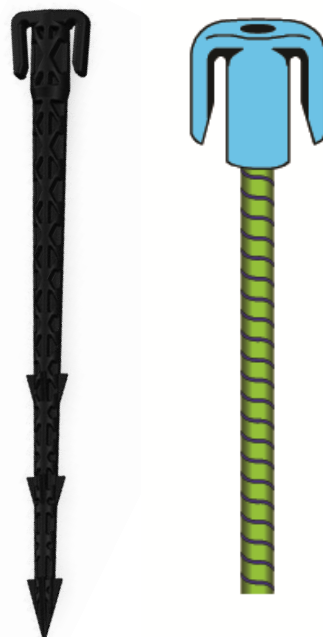
Are these Accessories on your Project?



ATRA® Keys

Fast Section Connection

[Download Spec](#)



ATRA® Anchors

Corrosion-Resistant Anchors

[Download Spec](#)



ATRA® Drivers

Fast Anchor Driving Tool

[Download Spec](#)

PRESTO



Fastest Way to Connect GEOWEB Sections



ATRA® Keys

Connect GEOWEB Sections
Fast & Efficiently

Faster than Stapling & Non-Corrosive

Side to side and end to end
connections

LEARN MORE



ATRA® Keys



3X Faster
than Stapling
Operations



PRESTO



The Key to Getting the Job Done Faster & Safer!



See how ATRA® Keys outperform
stapling 3:1 and will give you the time
advantage on your project.

[See the time lapse video >>](#)

Download the
Comparison>>



Install Resources
for your project



COMPARE

Installation Speed of ATRA® Keys vs. Stapling



ATRA Key Connector



Stapling Operations

PRESTO



ATRA® Anchors & Drivers

Corrosion-Resistant Anchors

Speed Stakes & Glass-Fiber Reinforced

Strongest hold-down; most secure cell wall connection.

LEARN MORE



ATRA® Anchors & Drivers



**10X
Faster
Driving
Tool**

than sledge
hammering



PRESTO



Let Our Knowledge Work for You

Our 40+ Years Experience Will Help You on Your Project

The GEOWEB® system is the original—and most advanced geocell on the market.

We developed the technology and advanced the technology.

We have the knowledge & experience to help you solve your site problems.

- [Learn about development of geocells >>](#)



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Do you want to see Examples?

Install Resources
for your project



See Product in Action

[Visit our Video Gallery](#)

[Watch Simple Installation Video](#)

[See a Roadbase Project](#)

[See a Yard Stabilization Project](#)

[See How it Works for Oil & Gas Roads & Pads](#)



PRESTO



Install Resources
for your project



Can it handle your Site Problems?

Let Us Evaluate Your Project

Your site has problems.

Soft ground. Poor subgrade. Poor drainage.
Heavy loading. Limited road building resources.

Will our solution work?

We can arrange a meeting to discuss your site and evaluate the feasibility of our solutions for your site challenges.

Email info@prestogeo.com to request a site evaluation.



Poor subgrade.
Soft ground.
Poor drainage.

Heavy loading.
Limited road
building resources.

PRESTO



Install Resources
for your project



Can we help Train your Crews?

Learn Efficient Techniques Before You Install Pre-Construction Training. Construction Oversight.

We can arrange to train your crew before installation—with pre-construction meetings and demos—and be there for on-site support during construction.

Email info@prestogeo.com to request construction site support.



Transforming Markets & Industries

See GEOWEB® projects
in action in a variety of
applications & industries.



PRESTO



Heavy Loading

Site Access Roads

- Build fast-to-construct access roads to sites, even in remote areas.
- Use salvaged or low-quality aggregate fill and up to 50% less base.
- One layer solution, even over soft subgrades.

LEARN MORE 

50% Less
Base Materials

Unpaved Roads



PRESTO



Heavy Loading

Roadbase

- Build pavements to reduce deflection and settlement that cause rutting, potholes and pavement degradation.
- Build a stronger base that extends pavement life, even over soft subbase soils.
- Use 50% less cross-section through the strength characteristics of confined aggregate.

LEARN MORE 

**50% Less
Cross Section**

Base Stabilization



PRESTO



Medium-Heavy Loading

Road Shoulders

- Build stable road shoulders to eliminate problematic low and soft shoulders, erosion areas and rutting.
- Protect sealed pavement from deterioration and edge breaks.
- Use aggregate or topsoil for vegetated shoulders.



LEARN MORE



3X Less
Maintenance

Surface Stabilization

PRESTO



Heavy Loading

Oil & Gas Roads & Pads

- Build access road to energy sources that are fast to deploy, even to remote locations.
- Use salvaged or low-quality aggregate fill.
- All-weather HDPE material allows construction year round.



LEARN MORE 

365 days
Construct in
any weather



Unpaved Roads



PRESTO



Heavy Loading

Wind Energy Roads & Pads

- Support heavy trucks and equipment across undeveloped, soft ground for wind farm construction and maintenance.
- Build stable staging areas and crane pads for wind tower and turbine installation.
- Use up to 50% less fill—even low-quality aggregate or sand.

LEARN MORE



Sand Fill
Use Low Cost,
Low Quality Fill



Unpaved Roads

PRESTO



Heavy Loading

Airports

- Reinforce the pavement base and reinforce shoulders for runways and taxiways.
- Reduce deterioration of overlying asphalt and concrete pavements.
- Create a stabilized drainage layer to capture de-icing liquid runoff.

LEARN MORE 



Base & Surface Stabilization

PRESTO



Heavy Loading

'Power' Concrete Roads & Pavements

- Build stronger concrete roads and pavements that exhibit the flexibility of articulating permeable pavers and the strength of hard-armored concrete slabs.
- No formwork and reinforcement required.

[LEARN MORE >>](#)

**15-25%
Reduced
Pavement Cost**

Concrete Pavements



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Heavy Loading

Mine Haul Roads

- Build haul roads to support heavy loaded mining trucks with faster cycle times, lower rolling resistance, higher fuel savings, and less tire wear & maintenance.
- Fast deployment even to remote locations.
- Use waste rock or low-quality aggregate fill.

LEARN MORE 

**Faster
Cycle Times
Use Waste Rock**



Unpaved Haul Roads



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Heavy Loading

Port & Intermodal Yards

- Build stable pavements to support heavy container traffic.
- Solve surface stability problems inherent with unpaved yards (deep ruts, potholes) with durable, aggregate & permeable pavements.
- Place under asphalt & concrete pavements to resist base settlement with 50% less base materials.

LEARN MORE 



**Permeable
OnSite Stormwater
Storage**

Base & Surface Stabilization

PRESTO



Heavy Loading

Rail Ballast

- Stabilize and stiffen the track ballast layer more efficiently than 2D geogrids, especially in soft soil areas.
- Eliminate differential settlement problems at x-ings, wyes, and frogs.

[LEARN MORE >>](#)

Accredited Performance

- Extreme field testing and research at TCI and Oregon State University and SmartRock testing at U Kansas.

See the Accredited
Research >>



Ballast Reinforcement

PRESTO



Medium-Heavy Loading

Permeable Pavements

- Build highly-porous pavements to manage stormwater onsite and reduce runoff.
- Use open-graded aggregate for maximum infiltration & stormwater storage.

LEARN MORE 

Meet Stormwater Regs

Water Flow



Surface Stabilization



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Light-Medium Loading

Multi-Use Trails

- Build permeable, stable trail surfaces with 3D confined fill for pedestrian, equestrian, ATVs, bicycles and vehicle loading.
- Build across soft soils and environmentally-sensitive areas with minimal disturbance.



LEARN MORE 



Surface Stabilization

PRESTO



Light-Medium Loading

Tree Root Protection

- Protect a tree's Critical Root Zone from compaction and root damage from construction equipment and access vehicles.
- Protect trees in soft soil areas or where no-dig restrictions apply.

LEARN MORE



Surface Stabilization



Your Project is Important. See How We Can Help.

THE PRESTO ADVANTAGE

See how our advanced, adaptable geocells, porous pavers and mats put your project on track for success, and keeps your projects on time and on budget.

[WATCH THE VIDEO](#)





What is the Price?

Get an Estimate

Our global network of distributors and representatives will work with you to provide a price estimate.

[Find Local Distributor/Rep >>](#)





PRESTO

GEOSYSTEMS®

GOWEB®

Load Support System

Build with Certainty.

Get answers to your questions and help
before, during and after construction.

Rely on our experience, tools &
resources to help you get in and out of
sites faster—and to build safely!

**Certainty and Peace of Mind—
from project start to finish.**

Contact Us 1-800-548-3424 | www.prestogeo.com

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