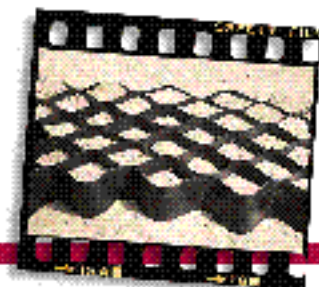




The Presto® GEOWEB® Cellular Confinement System

A self-guided tour of Rail and Intermodal sites featuring one of the most tested and proven soil stabilization systems ever developed.



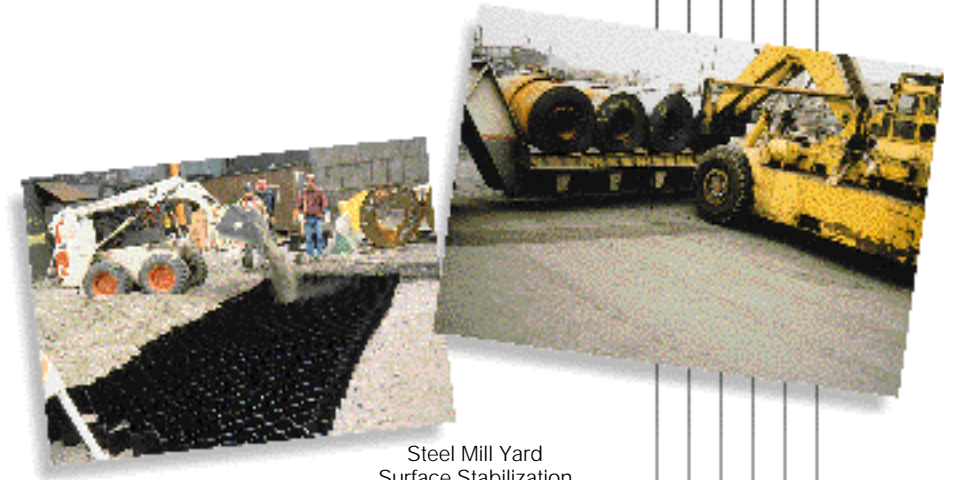
See for yourself what the Presto GEOWEB® system can do for you as you tour these stabilization job sites

The best way to introduce you to the benefits of Presto's GEOWEB cellular confinement system would be to take you on a personally guided tour of soil stabilization sites. Since that isn't practical, we've put together this self-guided photographic tour.

As you "walk" around, you'll see the GEOWEB system used in a variety of applications including track sub-ballast stabilization, earth retention and load support. If questions pop up along the way, please save them for the Question-and-Answer session at the end of the tour!



Vegetated Earth Retention Structure
Milton, Ontario Canada



Steel Mill Yard
Surface Stabilization
(110 ton axle loads)
Cleveland, Ohio



Track Sub- ballast
Bridge Abutment Approach
Dallas/Fort Worth, Texas



Runway for 40 ton Straddle Crane
Load Support Over Poor Soils
Scranton, Pennsylvania



Intermodal Yard
Load Support Over Poor Soils
Houston, Texas



Earth Retention Structure
To Maximize Right-Of-Way
Kingston, Ontario Canada



Track Sub-ballast
Load Support Over Peat Bogs
Eastern Region, England

Questions and Answers about the Presto® GEOWEB® Cellular Confinement System

What is the benefit of using the Presto GEOWEB system?

The benefit of using the GEOWEB system is that it dramatically improves the performance of cohesionless materials such as sand, gravel and ballast in a wide range of load support and erosion control applications. Best of all, it can eliminate the need for more costly, complicated structural elements and more expensive time-consuming construction techniques.

How does the system work?

For load support, when a concentrated or distributed load is placed on the GEOWEB system, its three-dimensional cells prevent shearing and lateral movement of the infill material. Without the system, the load would cause the fill to shear resulting in subbase failure and surface rutting. The GEOWEB system also increases infill stiffness due to the hoop strength of the cell walls and passive resistance of the adjacent infilled cells. In effect, the GEOWEB system acts as a three-dimensional 'raft' or structural slab.

The greater shear strength and improved load distribution characteristics enable the GEOWEB system to reduce unacceptably high stresses to the subbase. In addition, the GEOWEB system does not require 'curing time'; immediate access over the system is possible.

The result: a semirigid member may be constructed for intermodal yards and track structures while decreasing costs by reducing fill thickness, time delays and future maintenance problems.

For erosion control applications, the GEOWEB system prevents soil or stone infill from migrating down slopes. It protects and reinforces the vegetative root zone and prevents most problems associated with surface erosion.

Where has it been used?

The Presto GEOWEB system has been used all over the world in applications ranging from load support and track stabilization to earth retention, soil erosion and channel protection. Your GEOSYSTEMS distributor will direct you to applications in your area.

Does the Presto GEOWEB system have a proven history?

Yes! The GEOWEB system was developed during the late 1970's as part of a cooperative research effort with the U.S. Army Corps of Engineers and Presto Products Company.

It's backed by years of research and testing by academic and independent laboratories and has over 10 years of in-ground experience. It is proven to be the long-term solution to soil stabilization problems....even where other products have failed or were not appropriate.

What about installation and maintenance?

Lightweight sections arrive in collapsed form and are easily expanded. Infill can be placed manually or with construction equipment. The completed system requires little or no maintenance.

How would the GEOWEB system apply to my current project?

Apply the GEOWEB system to your current project by using the design and installation guidelines available from your local GEOSYSTEMS® distributor or call Presto Products Company at 800-548-3424.



PRESTO PRODUCTS COMPANY
Geosystems® Products Division
P.O. Box 2399, Appleton, WI, USA 54913-2399

800-548-3424 or 414-739-9471

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