



Completed GEOWEB canoe launch area with stone infill.



Infilling section with stone.



Completed concrete infilled boat ramp

GEOWEB Boat Ramps

Dependable Shoreline Stability for Boat Launching

Natural sand shorelines are not always adequate to support frequent boat loading and unloading. Unstable soil conditions, erosion, and fluctuating water levels combine

to make vehicle access to shorelines difficult. The GEOWEB Cellular Confinement System is an ideal solution that provides dependable load support for boat launch areas.



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GEOWEB[®] Cellular Confinement System
Because Nature Works At A Cellular Level[™]



The Presto stretcher frame is used to position GEOWEB sections in the water



Gravel infill is distributed into sections with a front end loader. Hand tools may be used to aid in spreading the fill into the cells.



An installation with concrete-infill provides a more durable boat ramp to support heavier boat requirements and help prevent shoreline scouring. The GEOWEB sections were filled with concrete offsite and the cured concrete "mat" transported to the site.

The GEOWEB cellular confinement system was developed jointly by the US Army Corps of Engineers Waterways Experiment Station and Presto Products Company for military road use across sandy beaches. The GEOWEB system is an expandable honeycomb-like structure used to confine unstable soils or gravel. The system supports and inhibits the lateral movement of soil particles and thereby increases the soil's load bearing capacity and its stability.

The GEOWEB sections are collapsible, allowing them to be easily transported to remote sites. The patented stretcher frame allows the sections to be accurately and easily positioned in the water. Constructed from tough, durable plastic, GEOWEB sections can be filled with gravel or concrete to provide a strong, stable ramp while maintaining the natural appearance of the environment in low wave attack areas. Additional anchorage can be achieved by using high-strength tendons.

- Vehicle Support Over Sandy, Unstable Soils
- Supports All Load Requirements
- Cost Effective
- Constructed from Durable Polyethylene
- Easily Transported to Remote Sites
- Simple Set Up and Installation

The GEOWEB cellular confinement system provides the stability and support for safe and dependable boat ramps.

Distributed by:



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