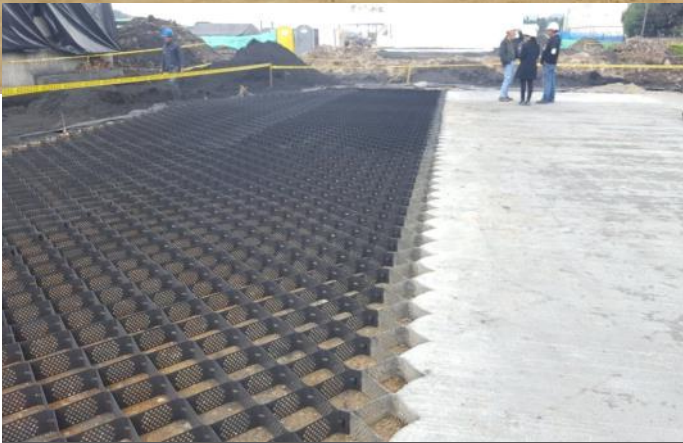


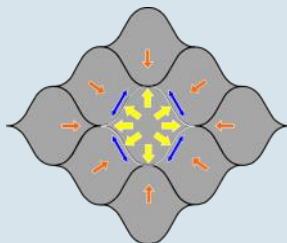


**STRONGER Pavements
With Less Concrete, Less Base
& Less Cost!**



GEOWEB GRC PAVEMENT TECHNOLOGY

The GEOWEB system is a high-strength network of interconnected HDPE cells that confines infill material such as concrete. Combine the system's strengthening characteristics with concrete that is reinforced with a special blend of polymers and a stronger—and thinner—pavement layer is created.



Build High-Performance 'POWER' Roads & Pavements

With the flexibility of articulating permeable pavers and the strength of hard-armored concrete slabs, **GEOWEB® Geocell Reinforced Concrete (GRC)** creates stronger roads and pavements with less concrete cross-section—and less overall construction time and cost—**resulting in 15-25% cost savings.**

BENEFITS OF GEOWEB 3D CONFINEMENT:

The integral GEOWEB 3D confinement structure delivers benefits:

- Eliminates the need for formwork and reinforcement
- GEOWEB cell depth assures uniform concrete depth
- Diamond-shaped shrinkage gaps between GEOWEB cell walls and cured concrete allow the system to flex—controlling pavement cracking.
- Helps manage surface water runoff.



GEOWEB®

GEOCELL REINFORCED CONCRETE (GRC) PAVEMENTS



GEOWEB® GRC PAVEMENTS

EASY INSTALLATION PROCESS

The installation of the GEOWEB sections and concrete fill is a straight-forward 4-step process.

STEP 1: GEOWEB sections are expanded over a prepared subgrade and secured in place.

STEP 2: GEOWEB sections are connected side-to-side and end-to-end with strong ATRA keys.

STEP 3: A special blend of concrete or fiber-reinforced concrete is poured in place in the GEOWEB sections.

STEP 4: The concrete fill is evenly spread across the sections, and finished with screeding equipment to level the surface to the top of GEOWEB cells and remove excess concrete. The GEOWEB cell depth assures an exact concrete volume.

Installation does not require specialized equipment or specially-trained crews. Presto's special concrete and polymer blend is designed for maximum strength and minimum cross-section.



After placement in the GEOWEB cells, the concrete is screeded to remove excess and create a level pavement surface.



GEOSYSTEMS



GEOWEB® GRC PAVEMENTS SUITABLE APPLICATIONS

GEOWEB GRC Pavements can be applied in numerous transportation applications:

- Trucking | Intermodal Yards
- Distribution Centers | Industrial Pavements
- Commercial Building Entry Driveways
- Residential Roadways
- Parking Areas & Walkways
- Roadway Stormwater Channel Spillways





GEOWEB GRC Pavements do not require concrete formwork or reinforcement.



**Request FREE Project
Evaluation**

**Request Technical
Presentation**

COMPARISONS

HOW GEOWEB® GRC PAVEMENTS COMPARE TO CONCRETE

- **Reduces overall cross section costs 15-25%**—even more where concrete costs are high and resources are limited.
- Relieves hydrostatic pressure & manages surface water.
- Eliminates formwork and need for further reinforcement
- Controls cracking without need for expansion joints
- GEOWEB cells assure exact concrete volume.
- **Easier installation with shorter construction time!**

HOW GEOWEB® GRC PAVEMENTS COMPARE TO PAVERS

- **No shifting or settling.** Concrete confined in the GEOWEB GRC pavement structure resists displacement. Pavers require a sand layer for fine grading and paver setting—and shift over time.
- **Manages surface water.**
- **Fast and easy installation.**



**Contact us to find out how GEOWEB GRC
Pavements can work for your project.**