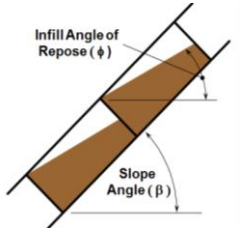


GEOWEB® 3D Vegetated Slope Protection Solutions

1 Builds Steeper Slopes



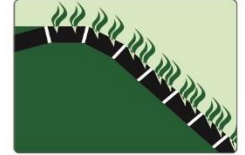
2 Resists Sheet Flow



3 I-Slots for ATRA Components



4 Creates Stable Growth Environment

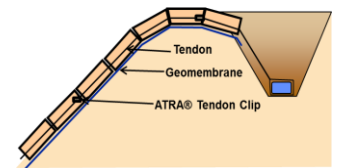


5 Cross-link Root Growth through Perforations



6 Allows Select Vegetation & Plantings

7 Suspends Vegetation over Liner Systems



1. Builds Steeper Slopes.

Geoweb 3D confinement allows construction of steep slopes using topsoil or other infill.

2. Resists Sheet Flow Erosion.

Confined infill in the 3D Geoweb cellular structure is unaffected by sheet flow over the surface, preventing erosion.

3. I-Slots for ATRA Components.

I-Slots facilitate stronger design and faster installation devices. Join Geoweb sections with ATRA keys, thread tendon and transfer load from the Geoweb sections to tendons with ATRA tendon clips.

4. Cellular Network Creates Stable Growth Environment.

The Geoweb 3D cellular network isolates each cell to create an eco-zone protected from erosive forces.

5. Perforations Allow Root Lock-up.

Up to 20% of the Geoweb wall is perforated to stimulate cross-root growth delivering a strong geo-vegetated solution.

6. Allows Select Vegetation & Plantings.

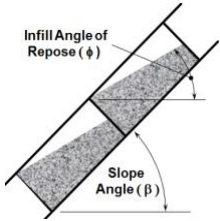
Slopes can be designed with special vegetation type, flowering plants or even arid-resistant vegetation to meet climate conditions.

7. Suspends Vegetation Over Liner Systems.

Using tendons and ATRA® tendon clips, support a Geoweb solution over liners without puncturing the impermeable liner with stakes.

GEOWEB® 3D Aggregate Slope Protection Solutions

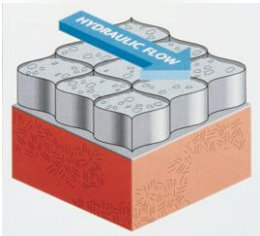
1 Build Steeper Slopes



2 Allows Smaller, Less Expensive Aggregate



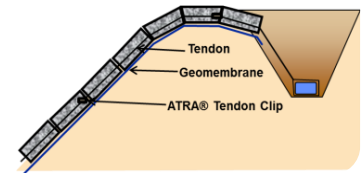
3 Resists Sheet Flow



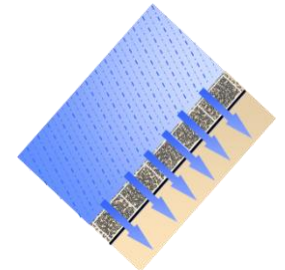
4 I-Slots for ATRA Components



5 Suspend Aggregate Over Liner Systems



6 Low Maintenance, Permeable Slope Cover



1. Build Steeper Slopes.

Geoweb 3D confinement allows construction of steep slopes using aggregate or other infill.

2. Allows Smaller, Less Expensive Aggregate.

Confinement in the Geoweb structure allows use of smaller, less expensive infill stone, providing the same resistance as larger stone.

3. Resists Sheet Flow Erosion.

Confined infill in the 3D Geoweb cellular structure is unaffected by sheet flow over the surface, preventing erosion.

4. I-Slots for ATRA Components.

I-Slots facilitate stronger design and faster installation devices. Join Geoweb sections with ATRA keys, thread tendon and transfer load from the Geoweb sections to tendons with ATRA tendon clips.

5. Suspend Aggregate Over Liner Systems.

Using tendons and ATRA® tendon clips, support a Geoweb solution over liners without puncturing the impermeable liner with stakes.

6. Low Maintenance, Permeable Slope Cover.

Aggregate infill allows water infiltration on the slope face, reducing sheet flow runoff. Aggregate is a low maintenance solution.

GEOWEB® 3D Hard-Armor Slope Protection System

1 Eliminates Forms



2 Higher Slump Concrete



3 Reduces Concrete, Consistent Depth



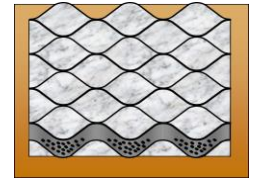
4 Perforations Create Cross-Linking



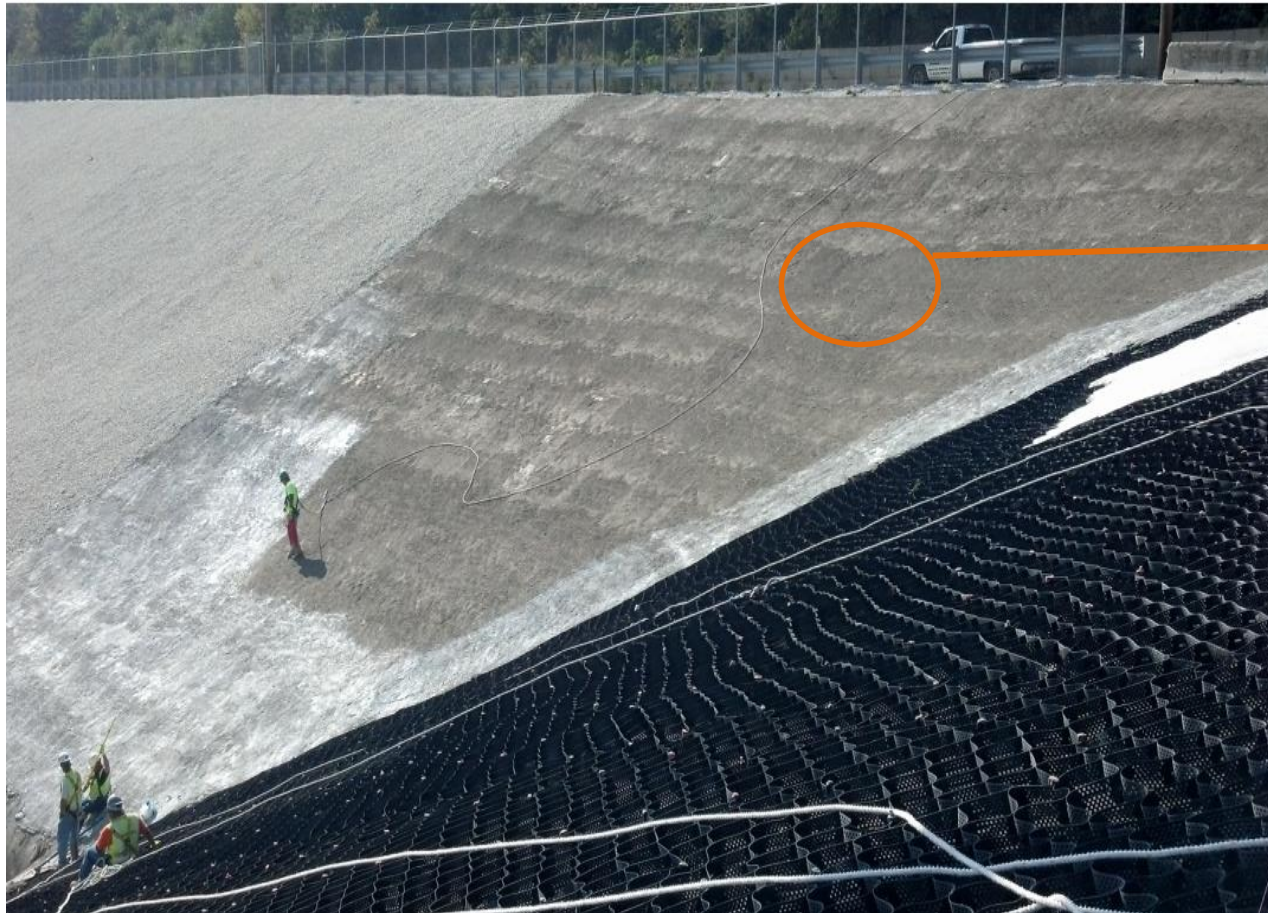
5 I-Slots for ATRA Components



6 No Joints, Controlled Cracking



7 Flexible Articulating Mats



1. Eliminates Forms & Reinforcement for Formless Hard Armor.

The Geoweb system acts as a support skeleton and needs no other forms for concrete infill.

2. Allows Higher Slump Concrete.

The Geoweb cellular structure offers redundant “container” support for the concrete, allowing less expensive and easier to pour higher slump concrete.

3. Reduces Concrete, Assures Consistent Depth.

The Geoweb system reduces concrete depth by creating a secure, uniform mattress supported by the interconnected cells. The depth is assured with Geoweb wall heights defining the pour.

4. Perforations Create Cross-Linking.

Interlocking cells are formed as concrete “reaches” through the cell wall as the pour flows into place.

5. I-Slots for ATRA Components.

I-Slots facilitate stronger design and faster installation devices. Join Geoweb sections with ATRA keys, thread tendon and transfer load from the Geoweb sections to tendons with ATRA tendon clips.

6. No Joints, Controlled Cracking.

Small shrinkage gaps between the Geoweb cell wall and cured concrete allow the system to flex, providing “controlled joints” at the cell wall perimeter. No large cracks as is typical with conventional concrete slabs.

7. Flexible Poured-in-Place Articulating Mats.

Geoweb concrete-filled sections are flexible articulating mat systems. They are less expensive than articulated concrete blocks (ACBs) systems, can be poured in place and do not require specialized equipment to install.