

ARMORFORM®

WEAVING THE FUTURE OF FABRIC FORMED CONCRETE SYSTEMS



In 1984, the Armorform® trade name was established and the principle formwork styles were developed. Armorform® still remains an industry leader in FABRIC FORMED CONCRETE REVETMENTS!!

ARMORFORM®
Fabric Formed Hard Armoring

- **ARMORFORM® Fabric Formed Concrete** solutions are used to construct a wide range of systems that provide outstanding performance in erosion control, scour protection and lining applications.
- The **ARMORFORM®** erosion control system utilizes double layer woven geotextiles engineered exclusively to serve as forms for casting concrete erosion control revetments and linings. The forms are woven from polyester and yarns and are designed with the required mechanical and hydraulic properties of a superior textile form.
- **ARMORFORM®** linings are installed by positioning fabric forms over the areas to be protected and then pumping high-strength, fine aggregate concrete (structural grout) into the forms. The concrete lining can be placed either underwater or in-the-dry.

AVAILABLE STYLES

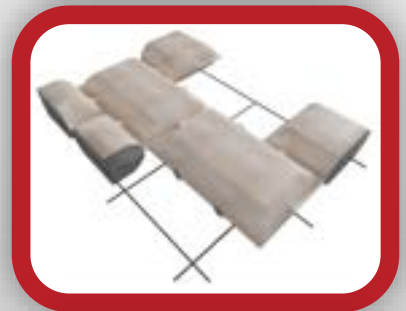
Filter Point Mat (FPM) is an erosion resistant, permeable concrete lining formed with a double-layer woven fabric, joined together by interwoven, filter points (drains). Once pumped, the cobbled surface and relatively high coefficient of friction act to reduce velocity and wave run-up. The filter points provide for the relief of hydrostatic uplift pressure, increasing the system's stability.



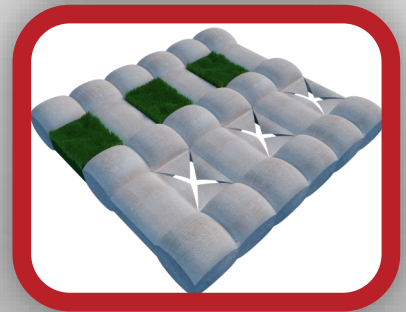
Uniform Section Mat (USM) is formed with a double-layer woven fabric, joined together by spacer cords on closely spaced centers to produce a mat of uniform thickness. Similar to traditional concrete slope paving, USM creates a solid, high-quality concrete lining with a low hydraulic resistance for use in various lining and erosion resistance applications.



Articulating Block Mat (ABM) is formed with a double-layer woven fabric, joined together into a matrix of rectangular compartments, each separated by a narrow perimeter of interwoven fabric and containing interconnecting high strength revetment cables. Similar to precast block mats, once pumped the ABM is designed to permit differential settling and block articulation.



VegeMat (VMAT) is formed with a double-layer woven fabric, joined together into a matrix of rectangular compartments, each separated by open-cell voids to allow for re-vegetation. VegeMat can be selected with either a 25% or 35% open-cell voids that can be opened and planted, resulting in a system providing environmentally compatible protection with the necessary hydraulic, ecological and aesthetic features desired.



Armor Bags are custom fabricated to fit job site requirements. Inlet valves, attached by fabric flange to a slit in the surface of the bag, provide positive self closure. Armor Bags offer an effective, adaptable and economical alternative to the expensive and labor-intensive placement of rip rap—heavy boulders, or large precast concrete





Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS