

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

AVAILABLE STYLES

- 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.

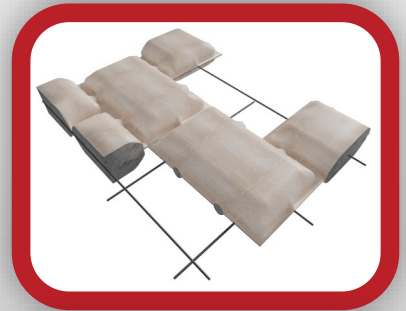
Filter Point Mat (FPM) is an erosion resistant, permeable concrete lining formed with a double-layer woven fabric, joined together by interwoven, filter points (drains). Once pumped, the cobbled surface and relatively high coefficient of friction act to reduce velocity and wave run-up. The filter points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



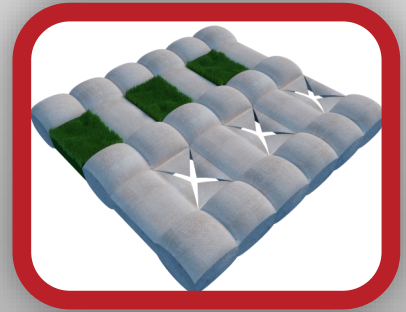
Uniform Section Mat (USM) is formed with a double-layer woven fabric, joined together by spacer cords on closely spaced centers to produce a mat of uniform thickness. Similar to traditional concrete slope paving, USM creates a solid, high-quality concrete lining with a low hydraulic resistance for use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

