ARMORFORM®

YOUR SOLUTION TO PERMANENT HARD ARMOR EROSION CONTROL

VegeMat

- **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.
- **VegeMat (VMAT)** is available with uni-directional high strength revetment cabling and designed to match either the 3" Articulating Block Mat (SYSTEM35) or 4" Articulating Block Mat (SYSTEM25) to form a combination of full coverage and partial coverage. After filled with concrete, the cables remain embedded in the concrete to facilitate articulation. VMAT is customed fabricated into multiple mill width panels, designed to fit actual site dimensions and topography.

ARMORFORM®

Fabric Formed Hard Armoring

VEGEMAT
TECHNICAL DATA

DESIGN CONSIDERATIONS

- VegeMat is used where an eco-friendly approach to erosion protection is desired.
- Open-cell allows for re-vegetation and a more natural look.
- Reduces impervious cover.
- Roughness coefficient of N = 0.045 to 0.050 is acceptable.

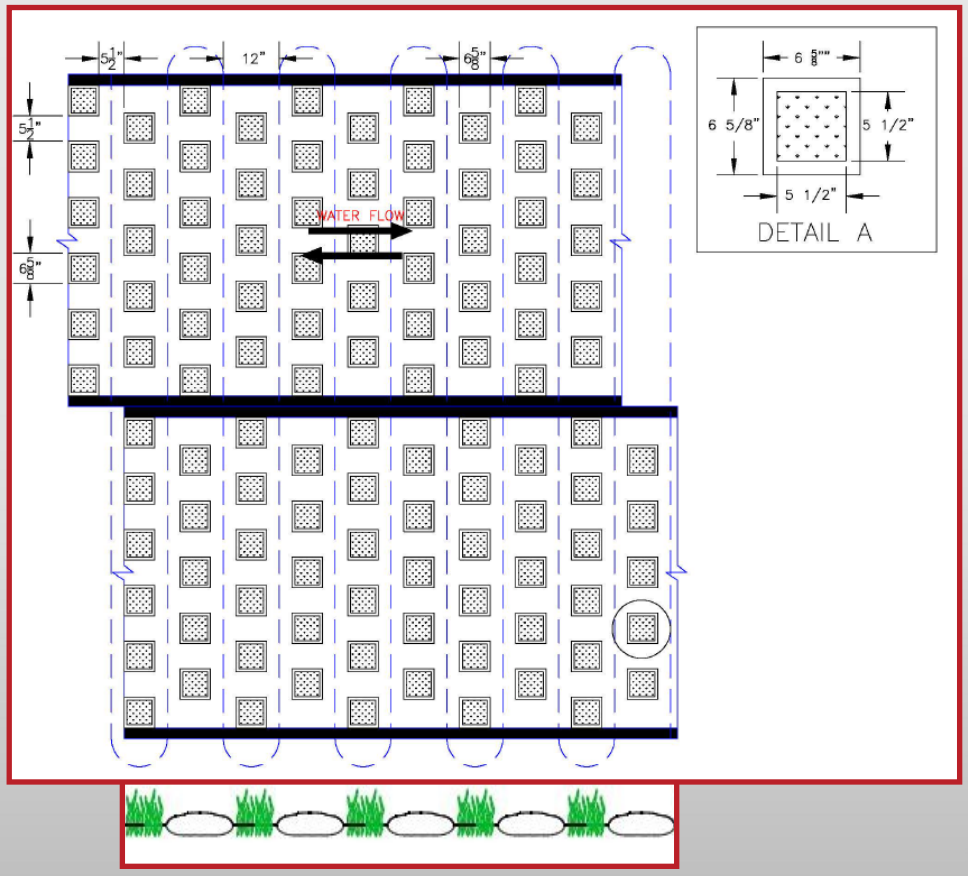
APPLICATIONS

- Bridge Abutments
- Storm Sewer Outfalls
- Channel Lining
- Levee Protection
- Dike Groin
- Spillway/Weirs
- Pipeline Shallow Cover

INDUSTRIES

- Highways/Bridges
- Ports/Harbors
- Dams/Levees
- Rivers/Canals
- Flood Control
- Coastal/Marine
- Industrial Waste Landfill
- Mining
- Oil/Gas Pipeline
- Power Generation

VegeMat (VMat)				
STYLE	VOID RATIO	NOMINAL THICKNESS	UNIT WEIGHT	CONCRETE COVERAGE
VMAT35	35%	2.0”	24 lbs./ft²	160 sq. ft./cy
VMAT25	25%	3.0”	35 lbs./ft²	108 sq.ft./cy



TYPICAL RANGE OF MIX PROPORTIONS		
Material	Mix Proportions lbs./cu. yd.	After Placement lbs./cu. yd.
Cement	750-850	810-920
Sand	2030-2120	2195-2290
Water	485-555	360-430
Fly Ash	Up to 25% of Cement	

1118 Old Airport Road
Laurens, SC 29360
www.armorform.com
864-682-5517 (o)

Carolina Yarn & Fabrics, LLC.