

ARMORFORM® TECHNICAL DATA SHEET

TABLE 1.0 – FABRIC PROPERTIES			
PROPERTY	TEST METHOD	UNITS	VALUE
Physical:			
Composition of Yarn	-	-	Polyester
Thickness (Single Layer)	ASTM D 5199	mils	28
Mill Width (Woven)	-	inch	72
Mechanical (Single Layer):			
Wide Width Strip Tensile Strength – Warp/Fill	ASTM D 4595	Lbs./inch	300/350
Elongation at Break – Warp/Fill – Max.		%	11/11
Mullen Burst Strength	ASTM D 3786	psi	500
Trapezoidal Tear Strength – Warp/Fill	ASTM D 4533	Lbs.	125/150
CBR Puncture Strength	ASTM D 6241	Lbs.	1500
Hydraulic (Single Layer):			
Apparent Opening Size (AOS)	ASTM D 4751	U.S. Standard Sieve	20
Flow Rate	ASTM D 4491	gal/min/ft ²	115

Table 2.0 - ARMORFORM® Uniform Section Mat (USM)

Style	Nominal Thickness (in.)	Avg. Unit Weight (lb./ft ²)	Concrete Coverage (ft ² /cy)
3USM	3.0	34	97
4USM	4.0	45	73
6USM	6.0	68	49
8USM	8.0	90	36
10USM	10.0	113	28
12USM	12.0	135	22

Table 3.0 - ARMORFORM® Filter Point Mat (FPM)

Style	Spacing (in.)	Nominal Thickness (in.)	Avg. Unit Weight (lb./ft ²)	Concrete Coverage (ft ² /cy)
5FPM	5	2.2	25	135
6FPM	6	3.0	34	97
8FPM	8	4.0	45	73
10FPM	10	6.0	68	49
12FPM	12	8.0	90	36

Table 4.0 - ARMORFORM® Articulating Block Mat (ABM)

Style	Nominal Block Dimensions (in.)	Avg. Unit Weight (lb./ft ²)	Block Weight (lb.)	Concrete Coverage (ft ² /cy)
3ABM	20 x 10 x 3	34	52	97
4ABM	20 x 14 x 4	45	88	73
6ABM	20 x 20 x 6	68	189	49
8ABM	30 x 22 x 8	90	416	36
10ABM	30 x 26 x 10	113	614	28
12ABM	30 x 28 x 12	135	793	22

Table 5.0 - ARMORFORM® VegeMat (VMAT)

Style	Void Ratio (%)	Max Thickness (in.)	Average Unit Weight (lb./ ft ²)	Concrete Coverage (ft ² /cy)
VMAT25	25	4.5	35	108
VMAT35	35	3.5	24	160



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Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

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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.

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