

## ARMORFORM<sup>®</sup> TECHNICAL DATA SHEET

<b>TABLE 1.0 – FABRIC PROPERTIES</b>			
<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>UNITS</b>	<b>VALUE</b>
<b>Physical:</b>			
Composition of Yarn	-	-	Polyester
Thickness (Single Layer)	ASTM D 5199	mils	28
Mill Width (Woven)	-	inch	72
<b>Mechanical (Single Layer):</b>			
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
<b>Hydraulic (Single Layer):</b>			
Apparent Opening Size (AOS)	ASTM D 4751	U.S. Standard Sieve	20
Flow Rate	ASTM D 4491	gal/min/ft <sup>2</sup>	115

**Table 2.0 - ARMORFORM<sup>®</sup> Uniform Section Mat (USM)**

Style	Nominal Thickness (in.)	Avg. Unit Weight (lb./ft <sup>2</sup> )	Concrete Coverage (ft <sup>2</sup> /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<sup>®</sup> Filter Point Mat (FPM)**

Style	Spacing (in.)	Nominal Thickness (in)	Avg. Unit Weight (lb./ft <sup>2</sup> )	Concrete Coverage (ft <sup>2</sup> /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<sup>®</sup> Articulating Block Mat (ABM)**

Style	Nominal Block Dimensions (in.)	Avg. Unit Weight (lb./ft <sup>2</sup> )	Block Weight (lb.)	Concrete Coverage (ft <sup>2</sup> /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<sup>®</sup> VegeMat (VMAT)**

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