

# Product Specification

<b>Style Code:</b>	SWC-0106
<b>Description:</b>	SAM Mat
<b>Construction:</b>	Top layer: White Non-Woven Geotextile F8145 Absorbent Layer: Albasorb 8515D Scrim Support: Woven Polypropylene Bottom Layer: White Non-Woven Geotextile 215B

Property	Values	Test Method
<b>Mass Per Unit Area (Nom.)</b>	3265 g/m <sup>2</sup> 96.3 oz/yd <sup>2</sup>	ASTM D5993
<b>Mass Per Unit Area (Min.)</b>	2988 g/m <sup>2</sup> 88.1 oz/yd <sup>2</sup>	ASTM D5993
<b>Polymer Loading (Nom.)</b>	2800 g/m <sup>2</sup> 82.6 oz/yd <sup>2</sup>	Manufacturer Technical Data
<b>Polymer Loading (Min.)</b>	2500g/m <sup>2</sup> 73.7 oz/yd <sup>2</sup>	Manufacturer Technical Data
<b>Peel Strength (Min.)</b>	62.5 gr/cm 0.35 lb/in	ASTM D6496
<b>Peel Strength (Min.)</b>	0.8 kgf 1.76 lbf	ASTM D4632
<b>Grab Tensile (Min.)</b>	80 kgf 176.4 lbf	ASTM D4632
<b>Elongation at Peak (Max.)</b>	30%	ASTM D4632
<b>Puncture Resistance</b>	88 kgf 194 lbf	ASTM D4833
<b>CBR Puncture Strength</b>	345 kgf 761 lbf	ASTM D6241
<b>Trapezoidal Tearing Strength MD</b>	68 kgf 150 lbf	ASTM D4533
<b>Trapezoidal Tearing Strength CD</b>	41 kgf 91 lbf	ASTM D4533
<b>Hydraulic Conductivity (@ 5 psi, 20°C)</b>	5.2x10 <sup>-5</sup> cm/s	ASTM D5084
<b>Absorption Rate**</b>	15.8 L/m <sup>2</sup> 3.5 gal/yd <sup>2</sup>	Manufacturer Technical Data

\* applies to non-woven components only.

\*\* Test method: 1 drop/second over a period of 5.5 hrs.

November 28, 2016