

## Manufacturer's Specification Certification

### S1000BD Single Net Straw Blanket Blanket


<b>Contents:</b>	100% weed free straw
<b>Netting:</b>	Single jute, Leno weave Biodegradable
<b>Thread:</b>	Biodegradable
<b>Roll Size:</b>	100.0 sq yards/ 83.6 sq meters*
<b>Width:</b>	8.00 feet/ 2.44 meters*
<b>Functional Longevity:</b>	3-12 months
<b>Best Use:</b>	3:1 slopes, Low-flow, roadways
	* Standard sizes. Additional or custom sizes may be available.

S1000BD is a fully Biodegradable blanket. The netting is made from Single jute, Leno weave. The thread is Biodegradable, while the filament of matrix is 100% weed free straw.

Blankets can be produced from 50 SY to 1,000 SY and be from 4 ft. to 16 ft. wide.

As described in Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 2.C.



Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	9.2 oz/ sq yd
Tensile Strength –MD ASTM D 6818	50 lbs/ft*
Tensile Strength –TD ASTM D 6818	50 lbs/ft*
Thickness ASTM D 6525	0.385+ inches*
Light Penetration ASTM D 6567	12.4%
Water Absorption ASTM D 1117, ECTC TASC 00197	448%
Reported Fiber Length, 80 percent greater than	3 inches
Elongation –MD ASTM D 6818	12.4 lb/in
Elongation –TD ASTM D 6818	7.1 lb/in
Vegetated Shear Stress	10lb/ft <sup>2</sup>
Vegetated Velocity	18ft/sec
Manning's "n" (0"-6")	0.035 *
Seedling Emergence	409%
C Factor	<0.15@3:1*
<b>Permissible Shear Stress - ASTM D 7207</b>	<b>1.40lbs/ft.*2*</b>
<b>Permissible rate of flow</b>	<b>5 ft/s*</b>
<b>*MARV-Expected Minimum Average Roll Value</b>	
<p>Enviroscape ECM certifies that this product is designed to meet the above criteria and is manufactured to perform as described in the Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 2.C.</p>	
 <hr/> <b>Mark Deitering - Quality Manager</b>	<b>1/13/21</b> <hr/> <b>Date</b>