

## Manufacturer's Specification Certification

### SC3000BD Double Net Straw-Coconut


<b>Contents:</b>	70% straw 30% coir fiber
<b>Netting:</b>	Double jute, Leno weave Biodegradable cotton
<b>Thread:</b>	Biodegradable cotton
<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>	18 – 24 months
<b>Best Use:</b>	1.5:1 slopes, Medium to High -flow, roadways
	* Standard sizes. Additional or custom sizes may be available.

SC3000BD is a fully Biodegradable cotton blanket. The netting is made from Double jute, Leno weave. The thread is Biodegradable cotton, while the filament of matrix is 70% straw 30% coir fiber.

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 3.B.



Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	11.05 oz/ sq yd
Tensile Strength –MD ASTM D 6818	100 lbs/ft*
Tensile Strength –TD ASTM D 6818	100 lbs/ft*
Thickness ASTM D 6525	0.25+ inches*
Light Penetration ASTM D 6567	11.9%
Water Absorption ASTM D 1117, ECTC TASC 00197	293%
Reported Fiber Length, 80 percent greater than	3 inches
Elongation –MD ASTM D 6818	10.4 lb/in
Elongation –TD ASTM D 6818	11.6 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	<0.25@1.5:1*
<b>Permissible Shear Stress - ASTM D 7207</b>	<b>2.00 lbs/ft.*<sup>2</sup>*</b>
<b>Permissible rate of flow</b>	<b>8 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 3.B.</p>	
 _____ Mark Deitering - Quality Manager	1/13/21 _____ Date