

## Manufacturer's Specification Certification

### C4000 Double Net Coconut Blanket Blanket


<b>Contents:</b>	100% coconut fiber
<b>Netting:</b>	Double Polypropylene Photodegradable
<b>Thread:</b>	Photodegradable
<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>	24 – 36 months
<b>Best Use:</b>	1:1 slopes, High-flow, roadways
	* Standard sizes. Additional or custom sizes may be available.

C4000 is a fully Photodegradable blanket. The netting is made from Double Polypropylene. The thread is Photodegradable, while the filament of matrix is 100% coconut 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 4.



Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	8.43 oz/sq yd
Tensile Strength –MD ASTM D 6818	125 lbs/ft*
Tensile Strength –TD ASTM D 6818	125 lbs/ft*
Thickness ASTM D 6525	0.25+ inches*
Light Penetration ASTM D 6567	12.5%
Water Absorption ASTM D 1117, ECTC TASC 00197	259%
Reported Fiber Length, 80 percent greater than	6 inches
Elongation –MD ASTM D 6818	22.1 lb/in
Elongation –TD ASTM D 6818	24.5 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@1:1*
<b>Permissible Shear Stress - ASTM D 7207</b>	<b>2.25 lbs/ft.*<sup>2</sup>*</b>
<b>Permissible rate of flow</b>	<b>10 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 4.</p>	
 <hr/> <b>Mark Deitering - Quality Manager</b>	<b>1/13/21</b> <hr/> <b>Date</b>