

ECTC Classification	Installed Slope Maximum	Product Description
4B	1:1 (H:V)	Erosion Control Blankets

Rolled Erosion Control Products



Page 1 of 2

Product Name	Company Name	Material Composition	C Factor _b <i>Performance Test</i>	Shear Stress _c <i>Performance Test</i>	MD Material Tensile Strength <i>Typical</i> ASTM D6818	TD Material Tensile Strength <i>Typical</i> ASTM D6818	Material Thickness <i>Typical</i> ASTM D6525	Ground Coverage <i>Typical</i> ASTM D6567	Material Mass <i>Typical</i> ASTM D6475	Installed Slope Steepness <i>Maximum</i>
ECTC Spec	n/a	An erosion control blanket composed of processed slow degrading natural or polymer fibers mechanically bound together between two slow degrading synthetic or natural fiber nettings to form a continuous matrix.	≤ 0.05	≥ 2.25 lbs/ft ₂ (108 Pa)	≥ 100 lbs/ft (1.5 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.20 in - ≤ 0.50 in (≥5.1 - ≤ 12.7 mm)	≥ 50 % — ≤ 95 %	≥8.0 oz/yd ₂ (271 g/m ₂)	1:1 (H:V)
ECC-2B	East Coast Erosion Control	Coconut	0.04	2.25 lbs/ft ₂	223 lbs/ft	150 lbs/ft	0.23 in	87 %	9.5 oz/yd ₂	1:1 (H:V)
ECC-2	East Coast Erosion Control	Coconut	0.01	2.50 lbs/ft ₂	260 lbs/ft	175 lbs/ft	0.26 in	84 %	8.3 oz/yd ₂	1:1 (H:V)
Curlex III	American Excelsior Company	Wood Fiber	0.022	2.5 lbs/ft ₂ (120 Pa)	139.2 lbs/ft	60.0 lbs/ft	0.46 in (11.68 mm)	79.5 %	12.16 oz/yd ₂	

- C Factor and permissible shear stress for Types 1.A. and 2.A. mulch control nettings must be obtained with netting used in conjunction with pre-applied mulch material.
- This value should be the maximum C Factor from standardized large-scale rainfall performance testing, ASTM D5459 or equivalent deemed acceptable by the engineer.
- Required minimum shear stress RECP (unvegetated) can sustain without physical damage or excess erosion (> 12.7 mm (0.5 inch) soil loss) during a 30-minute flow event in large-scale performance testing, ASTM D6460 or equivalent deemed acceptable by the engineer.
- This value should represent the maximum gradient the product should be recommended for rainfall/slope application.

Continued on page 2

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Page 2 of 2

Product Name	Company Name	Material Composition	C Factor ^b	Shear Stress ^c	MD Material Tensile Strength	TD Material Tensile Strength	Material Thickness	Ground Coverage	Material Mass	Installed Slope Steepness
			<i>Performance Test</i>	<i>Performance Test</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>
					ASTM D6818	ASTM D6818	ASTM D6525	ASTM D6567	ASTM D6475	
ECTC Spec	n/a	An erosion control blanket composed of processed slow degrading natural or polymer fibers mechanically bound together between two slow degrading synthetic or natural fiber nettings to form a continuous matrix.	≤ 0.05	≥ 2.25 lbs/ft ² (108 Pa)	≥ 100 lbs/ft (1.5 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.20 in - ≤ 0.50 in (≥5.1 - ≤ 12.7 mm)	≥ 50 % — ≤ 95 %	≥8.0 oz/yd ² (271 g/m ²)	1:1 (H:V)
Curlex III FibreNet	American Excelsior Company	Wood Fiber	0.022	2.5 lbs/ft ² (120 Pa)	226.8 lbs/ft	183.6 lbs/ft	0.43 in (10.9 mm)	85.2 %	17.44 oz/yd ²	
Curlex High Velocity	American Excelsior Company	Wood Fiber	0.022	3.25 lbs/ft ² (156 Pa)	279.6 lbs/ft	213.6 lbs/ft	0.537 in (13.6 mm)	92.6 %	20.16 oz/yd ²	
AEC Premier Coconut	American Excelsior Company	Coconut	0.05	2.25 lbs/ft ² (108 Pa)	313.2 lbs/ft	171.6 lbs/ft	0.26 in (6.60 mm)	76.9 %	6.4 oz/yd ²	
AEC Premier Coconut FibreNet	American Excelsior Company	Coconut	0.05	2.25 lbs/ft ² (108 Pa)	356.4 lbs/ft	169.2 lbs/ft	0.294 in (7.47 mm)	80.6 %	9.12 oz/yd ²	

- C Factor and permissible shear stress for Types 1.A. and 2.A. mulch control nettings must be obtained with netting used in conjunction with pre-applied mulch material.*
- This value should be the maximum C Factor from standardized large-scale rainfall performance testing, ASTM D5459 or equivalent deemed acceptable by the engineer.*
- Required minimum shear stress RECP (unvegetated) can sustain without physical damage or excess erosion (> 12.7 mm (0.5 inch) soil loss) during a 30-minute flow event in large-scale performance testing, ASTM D6460 or equivalent deemed acceptable by the engineer.*
- This value should represent the maximum gradient the product should be recommended for rainfall/slope application.*