

ECTC Classification	Installed Slope Maximum	Product Description
2D	2:1 (H:V)	Double-net Erosion Control Blankets

Rolled Erosion Control Products



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Product Name	Company Name	Material Composition	C Factor ^b <i>Performance Test</i>	Shear Stress ^c <i>Performance Test</i>	MD	TD	Material Thickness <i>Typical</i>	Ground Coverage <i>Typical</i>	Material Mass <i>Typical</i>	Installed Slope Steepness <i>Maximum</i>
					Material Tensile Strength <i>Typical</i> ASTM D6818	Material Tensile Strength <i>Typical</i> ASTM D6818				
ECTC Spec	n/a	Processed degradable natural and/or polymer fibers mechanically bound together between two rapidly degrading, synthetic or natural fiber	≤ 0.10	≥ 1.75 lbs/ft ² (84 Pa)	≥ 75 lbs/ft (1.1 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.25 in - ≤ 0.50 in (≥6.4 - ≤12.7 mm)	≥ 50 % - ≤ 90 %	≥ 8.0 oz/yd ² (271 g/m ²)	2:1 (H:V)
ECS-2	East Coast Erosion Control	Straw	0.01	2.05 lbs/ft ²	150 lbs/ft	80 lbs/ft	0.32 in	81%	8.5 oz/yd ²	2:1 (H:V)
ECS-2B	East Coast Erosion Control	Straw	0.02	1.75 lbs/ft ²	190 lbs/ft	130 lbs/ft	0.30 in	80 %	9.0 oz/yd ²	2:1 (H:V)
Curlex II CL	American Excelsior Company	Wood Fiber	0.05	1.80 lbs/ft ² (86 Pa)	128.4 lbs/ft	45.6 lbs/ft	0.364 in (9.25 mm)	56 %	6.4 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.

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					Material Tensile Strength <i>Typical</i>	Material Tensile Strength <i>Typical</i>				
					ASTM D6818	ASTM D6818	ASTM D6525	ASTM D6567	ASTM D6475	
ECTC Spec	n/a	Processed degradable natural and/or polymer fibers mechanically bound together between two rapidly degrading, synthetic or natural fiber nettings.	≤ 0.10	≥ 1.75 lbs/ft ² (84 Pa)	≥ 75 lbs/ft (1.1 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.25 in - ≤ 0.50 in (≥6.4 - ≤ 12.7 mm)	≥ 50 % — ≤ 90 %	≥ 8.0 oz/yd ² (271 g/m ²)	2:1 (H:V)
Curlex II	American Excelsior Company	Wood Fiber	0.022	2.25 lbs/ft ² (108 Pa)	127 lbs/ft	50.9 lbs/ft	0.418 in (10.62 mm)	65.4 %	9.12 oz/yd ²	
Curlex II FibreNet	American Excelsior Company	Wood Fiber	0.022	2.25 lbs/ft ² (108 Pa)	265.2 lbs/ft	165.6 lbs/ft	0.43 in (10.9 mm)	68.3 %	9.12 oz/yd ²	
Curlex II .98	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	
AEC Premier Straw Double Net	American Excelsior Company	Straw	0.05	1.75 lbs/ft ² (84 Pa)	196.8 lbs/ft	92.4 lbs/ft	0.31 in (7.9 mm)	73.6 %	6.88 oz/yd ²	
AEC Premier Straw Double Net FibreNet	American Excelsior Company	Straw	0.05	1.75 lbs/ft ² (84 Pa)	252.0 lbs/ft	157.2 lbs/ft	0.302 in (7.67 mm)	82.6 %	6.88 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.