

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

Rolled Erosion Control Products



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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
			Performance Test	Performance Test	Typical	Typical	Typical	Typical	Typical	Typical
					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)
ECS-2D	East Coast Erosion Control	Straw	0.01	2.05 lbs/ft ²	169 lbs/ft	107 lbs/ft	0.32 in	81%	8.5 oz/yd ²	2:1 (H:V)
S32UVD	ErosionControlBlanket.com	Straw	0.10	1.75 lbs/ft ²	199 lbs/ft	106 lbs/ft	0.27 in	85.9 %	8.0 oz/yd ²	2:1 (H:V)
AEC Premier Straw Double Net QuickMow	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	
Curlex II CL QuickMow	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	
Curlex II QuickMow	American Excelsior Company	Wood Fiber	0.022	2.25 lbs/ft ² (108 Pa)	127.0 lbs/ft	50.9 lbs/ft	0.418 in (10.62 mm)	65.4 %	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.