ECTC Classification	Installed Slope Maximum	Product Description
3B	**1.5:1 (H:V)**	Erosion Control Blankets

Rolled Erosion Control Products

Product Name	Company Name	Material Composition	C Factor [b] *Performance Test*	Shear Stress [c] *Performance Test*	MD Material Tensile Strength *Typical* ASTM D6818	TD Material Tensile Strength *Typical* ASTM D6818	Material Thickness *Typical* ASTM D6525	Ground Coverage *Typical* ASTM D6567	Material Mass *Typical* ASTM D6475	Installed Slope Steepness *Maximum*
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	≥ 2.0 lbs/ft^2 (96 Pa)	≥ 100 lbs/ft (1.5 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.25 in - ≤ 0.50 in (≥6.4 - ≤ 12.7 mm)	≥ 50 % — ≤ 95 %	≥8.0 oz/yd^2 (271 g/m^2)	1.5:1 (H:V)
ECSC-2B	East Coast Erosion Control	Straw/Coconut	0.05	2.0 lbs/ft^2	204 lbs/ft	134 lbs/ft	0.28 in	88 %	9.0 oz/yd^2	1:1 (H:V)
ECX-2	East Coast Erosion Control	Excelsior	0.04	2.13 lbs/ft^2	169 lbs/ft	86 lbs/ft	0.38 in	64 %	9.0 oz/yd^2	1.5:1 (H:V)
ECSC-2	East Coast Erosion Control	Straw/Coconut	0.02	2.25 lbs/ft^2	178 lbs/ft	148 lbs/ft	0.30 in	87 %	8.0 oz/yd^2	1:1 (H:V)
SC32	ErosionControlBlanket.com	Straw/Coconut	0.09	2.0 lbs/ft^2	327 lbs/ft	99 lbs/ft	0.26 in	86.2 %	8.0 oz/yd^2	1.5:1 (H:V)
SC32BD	ErosionControlBlanket.com	Straw/Coconut	0.09	2.0 lbs/ft^2	222 lbs/ft	138 lbs/ft	0.27 in	84.9 %	8.0 oz/yd^2	1.5:1 (H:V)

a. 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.

b. This value should be the maximum C Factor from standardized large-scale rainfall performance testing, ASTM D5459 or equivalent deemed acceptable by the engineer.

c. 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.

d. This value should represent the maximum gradient the product should be recommended for rainfall/slope application.

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ECTC Classification	Installed Slope Maximum	Product Description
3B	1.5:1 (H:V)	Erosion Control Blankets

Rolled Erosion Control Products

Product Name	Company Name	Material Composition	C Factor [b] *Performance Test*	Shear Stress [c] *Performance Test*	MD Material Tensile Strength *Typical* ASTM D6818	TD Material Tensile Strength *Typical* ASTM D6818	Material Thickness *Typical* ASTM D6525	Ground Coverage *Typical* ASTM D6567	Material Mass *Typical* ASTM D6475	Installed Slope Steepness *Maximum*
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	≤ 0.05	≥ 2.0 lbs/ft^2 (96 Pa)	≥ 100 lbs/ft (1.5 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.25 in - ≤ 0.50 in (≥6.4 - ≤ 12.7 mm)	≥ 50 % — ≤ 95 %	≥8.0 oz/yd^2 (271 g/m^2)	1.5:1 (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	70 % Straw / 30 % Coconut	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/ Coconut	American Excelsior Company	70 % Straw / 30 % Coconut	0.15	2.0 lbs/ft^2 (96 Pa)	203.5 lbs/ft	145 lbs/ft	0.267 in (6.78 mm)	85 %	6.72 oz/yd^2	
AEC Premier Straw/ Coconut FibreNet	American Excelsior Company	70 % Straw / 30 % Coconut	0.15	2.0 lbs/ft^2 (96 Pa)	321.6 lbs/ft	159.6 lbs/ft	0.331 in (8.41 mm)	94.2 %	12.96 oz/yd^2	

a. 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.

b. This value should be the maximum C Factor from standardized large-scale rainfall performance testing, ASTM D5459 or equivalent deemed acceptable by the engineer.

c. 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.

d. This value should represent the maximum gradient the product should be recommended for rainfall/slope application.