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Type 2.C

Type 2.C – Paragraph Form

Product shall be ECTC Type 2.C, which is comprised of processed degradable natural and/or polymer fibers mechanically bound together by a single degrading, synthetic or natural fiber netting. Product shall have a C Factor ≤ 0.10 from standardized large-scale rainfall performance testing, ASTM D6459 or equivalent deemed acceptable by the engineer. Product unvegetated permissible shear stress rating shall be ≥ 1.5 lbs/ft² (≥ 72 Pa) according to ASTM D6460 or equivalent deemed acceptable by the engineer. MD (Machine Direction) tensile strength shall be ≥ 60 lbs/ft (≥ 0.9 kN/m) x TD (Transverse Direction) tensile strength of ≥ 20 lbs/ft (≥ 0.3 kN/m) according to ASTM D6818. Product shall have a thickness ≥ 0.25 in – ≤ 0.50 in (6.4 mm - 12.7 mm) according to ASTM D6525, ground coverage of $\geq 50\%$ - $\leq 90\%$ according to ASTM D6567, and mass per unit area of ≥ 8.0 oz/yd² (≥ 271 g/m²) according to ASTM D6475.

Type 2.C – Tabular Form

ECTC Type	2.C
Product Description	Single-net Erosion Control Blankets
Material Composition	Processed degradable natural and/or polymer fibers mechanically bound together by a single degrading, synthetic or natural fiber netting
C Factor ^b	≤ 0.10
Shear Stress ^c	≥ 1.5 lbs/ft ² (≥ 72 Pa)
MD Material Tensile Strength (ASTM D6818)	≥ 60 lbs/ft (≥ 0.9 kN/m)
TD Material Tensile Strength (ASTM D6818)	≥ 20 lbs/ft (≥ 0.3 kN/m)
Material Thickness (ASTM D6525)	≥ 0.25 in – ≤ 0.50 in (6.4 mm - 12.7 mm)
Ground Coverage (ASTM D6567)	$\geq 50\%$ - $\leq 90\%$
Mass Per Unit Area (ASTM D6475)	≥ 8.0 oz/yd ² (≥ 271 g/m 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. ASTM D6459 or equivalent deemed acceptable by the engineer.

c. ASTM D6460 or equivalent deemed acceptable by the engineer.