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Type 1.B

Type 1.B – Paragraph Form

Product shall be ECTC Type 1.B, which is comprised of natural and/or polymer fibers mechanically interlocked and/or chemically adhered together to form a netless RECP. 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 ≥ 1.0 lbs/ft^2 (≥ 48 Pa) according to ASTM D6460 or equivalent deemed acceptable by the engineer. MD (Machine Direction) tensile strength shall be ≥ 125 lbs/ft (≥ 1.8 kN/m) x TD (Transverse Direction) tensile strength of ≥ 10 lbs/ft (≥ 0.1 kN/m) according to ASTM D6818. Product shall have a thickness ≥ 0.3 in (≥ 7.6 mm) according to ASTM D6525, ground coverage of ≥ 50% - ≤ 90% according to ASTM D6567, and mass per unit area of ≥ 10.0 oz/yd^2 (≥ 339 g/m^2) according to ASTM D6475.

Type 1.B – Tabular Form

ECTC Type	1.B
Product Description	Netless Rolled Erosion Control Blankets
Material Composition	Natural and/or polymer fibers mechanically interlocked and/or chemically adhered together to form a netless RECP
C Factor[b]	≤ 0.10
Shear Stress[c]	≥ 1.0 lbs/ft^2 (≥ 48 Pa)
MD Material Tensile Strength (ASTM D6818)	≥ 125 lbs/ft (≥ 1.8 kN/m)
TD Material Tensile Strength (ASTM D6818)	≥ 10 lbs/ft (≥ 0.1 kN/m)
Material Thickness (ASTM D6525)	≥ 0.30 in (≥ 7.6 mm)
Ground Coverage (ASTM D6567)	≥ 50% - ≤ 90%
Mass Per Unit Area (ASTM D6475)	≥ 10.0 oz/yd^2 (≥ 339 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.