



Erosion Control Blanket

Jute Netting (Bio) – Double Net - Aspen Excelsior (BDNAE)

Manufactured for slopes 1.5:1 (H:V) and medium-high flow channels, the BMP-Biodegradable Double Net Aspen Excelsior (BDNAE) provides immediate erosion control and supports rapid vegetation growth. Filled with high-quality aspen Wood Wool fibers, it helps retain moisture and stabilize soil naturally. Stitched between two 100% biodegradable Jute netting, this blanket is an eco-friendly solution for sensitive environments. Typical functional lifespan is up to 24 months or more, depending on site conditions and climate. Ideal for use in roadside ditches, embankments, and general landscaping.

Properties	Manufacture Designed Values
Width	8.0 ft (2.4 m) or 16 ft (4.4m)
Length	112.5 ft (34.29 m)
Area	100.0 yd ² (83.6 m ²)
Weight*	73.0 lb (33.1 kg)
Fiber Count	≈7,000 per yd ² (≈8,400 per m ²)
Fiber Length (80% min.)	≥6.0 in (≥15.2 cm)
Mass Per Unit Area (± 10%)	0.73 lb/yd ² (0.40 kg/m ²)
Net Openings	0.5 in x 1.0 in (12.7 mm x 25.4 mm)
Fill	100% Wood Wool Aspen Excelsior (80% ≥ 6 inches)
Longevity	Extended Term - est. 24 months
Mass Per Unit Area	10.77 oz/sq/yd
Tensile Strength	MD - 20.2 lb/in @ % 8.3 XD - 14.4 lb/in @ % 7.5
Thickness*	0.25 in
Light Penetration	19%
Water Absorption	271%
Unvegetated Bench-Scale Rain Splash and Runoff	Soil Loss Ratio† = 49.28 @ 2 in/hr Soil Loss Ratio† = 49.08 @ 4 in/hr Soil Loss Ratio† = 85.81 @ 6 in/hr C Factor ≤ 0.02
Unvegetated Bench-Scale Shear Stress	3.48 psf @ ½ in soil loss (166 Pa)
Seed Germination (ASTM Method)	228%

* based at time of manufacturing

Shipping From:

#50-183073 RR 150,
Brooks, Alberta T0J 2A0
Canada, County of Newell

This specification sheet is designed based off AASHTO (formally NTPEP) most recent test results.



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