



Erosion Control Blanket

Jute Netting (Bio) – Single Net – Aspen Excelsior (BSNAE)

The BMP Biodegradable Single Net Aspen Excelsior (BSNAE) erosion control blanket is a 100% biodegradable solution for soil erosion and sediment control. It features high-quality aspen wood wool fibers that retain moisture and stabilize soil, reinforced with biodegradable jute netting stitched with cotton thread—eliminating plastics entirely.

BSNAE offers cost-effective, medium-term erosion control by providing a protective vegetative cover that reduces water velocity and limits soil loss. It's designed for both physical and biological erosion control applications, delivering an eco-friendly and reliable option.

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. 12-24 months
Mass Per Unit Area	12.7 oz/sq/yd
Tensile Strength	MD - 32 lb/in
Thickness*	0.445 in
Light Penetration	20%
Water Absorption	266%
Unvegetated Bench-Scale Rain Splash and Runoff	Soil Loss Ratio† = 27.87 @ 2 in/hr Soil Loss Ratio† = 35.18 @ 4 in/hr Soil Loss Ratio† = 40.15 @ 6 in/hr C Factor = 0.036
Unvegetated Bench-Scale Shear Stress	2.93 psf @ ½ in soil loss (140 Pa)
Seed Germination (ASTM Method)	176%

* 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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