

W200G(Wood 200 - Double Net - Green Fibre) erosion control blanket (ECB) consists of a specific cut of naturally seed free Great Lakes Aspen curled wood with 80% of the fibre ≥ 6 inches in length. It is of consistent thickness with fibres evenly distributed throughout the entire area of the blanket. The top and bottom of each blanket is covered with green polypropylene netting containing oxo-biodegrader and UV additives.

**Product Nomenclature & Properties**

W = 100% wood excelsior

200 = The top and bottom of each blanket is covered with green polypropylene netting containing oxo-biodegrader additive

G = Green fibre

**Index & Bench Scale Testing**

Width	4.0 ft (1.2 m)	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length	112.5 ft (34.29 m)	112.5 ft (34.29 m)	112.5 ft (34.29 m)
Area	50.0 yd <sup>2</sup> (41.8 m <sup>2</sup> )	100.0 yd <sup>2</sup> (83.6 m <sup>2</sup> )	200.0 yd <sup>2</sup> (167.2 m <sup>2</sup> )
Weight <sup>b</sup>	36.5 lb (16.6 kg)	73.0 lb (33.1 kg)	146.0 lb (66.2 kg)
Fibre Count	≈ 7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )	≈ 7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )	≈ 7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )
Fibre Length (80% min.)	≥6.0 in (≥15.2 cm)	≥6.0 in (≥15.2 cm)	≥6.0 in (≥15.2 cm)
Mass per Unit Area (± 10%)	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )
Net Openings	1.0 in x 2.0 in (25.4 mm x 50.8 mm)	1.0 in x 2.0 in (25.4 mm x 50.8 mm)	1.0 in x 2.0 in (25.4 mm x 50.8 mm)

Index Property	Test Method	Value
Thickness	ASTM D6525	0.418 in (10.62 mm)
Light Penetration	ASTM D6567	34.6%
Resiliency	ASTM D6524	64%
Mass per Unit Area	ASTM D6475	0.57 sslb/yd <sup>2</sup> (0.309 kg/m <sup>2</sup> )
MD - Tensile Strength (max.)	ASTM D6818	127.0 lb/ft (1.85 kN/m)
TD - Tensile Strength (max.)	ASTM D6818	50.9 lb/ft (0.74 kN/m)
MD - Elongation	ASTM D6818	28.64%
TD - Elongation	ASTM D6818	29.84%
Swell	ECTC Procedure	89%
Water Absorption	ASTM D1117/ECTC	199%
Bench-Scale Rain Splash	ETC Method 2	SLR = 6.84 @ 2 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ETC Method 2	SLR = 7.19 @ 4 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ETC Method 2	SLR = 7.56 @ 6 in/hr <sup>c,d</sup>
Bench-Scale Shear	ETC Method 3	2.6 lb/ft <sup>2</sup> @ 0.5" soil loss <sup>d</sup>
Germination Improvement	ETC Method 4	645%

<sup>b</sup> Weight in based on a dry fibre weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%

<sup>c</sup> SLR is the Soil Loss Ratio, as reported by NTPEP/AASHTO

<sup>d</sup> Bench-scale index values should not be used for design purposes.