

W300G (Wood 300 - 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 black 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 black polypropylene netting containing oxo-biodegrader and UV additives

G = Green fibre

**Index & Bench Scale Testing**

	4.0 ft (1.2 m)	8.0 ft (2.4 m)	16.0 ft (4.9 m)
<b>Width</b>	4.0 ft (1.2 m)	8.0 ft (2.4 m)	16.0 ft (4.9 m)
<b>Length</b>	90.0 ft (27.4 m)	90.0 ft (27.4 m)	90.0 ft (27.4 m)
<b>Area</b>	40.0 yd <sup>2</sup> (33.4 m <sup>2</sup> )	80.0 yd <sup>2</sup> (66.9 m <sup>2</sup> )	160.0 yd <sup>2</sup> (133.8 m <sup>2</sup> )
<b>Weight <sup>b</sup></b>	39.2 lb (17.8 kg)	78.4 lb (35.6 kg)	156.0 lb (71.2 kg)
<b>Fibre Count</b>	≈ 9,400 per yd <sup>2</sup> (≈11,280 per m <sup>2</sup> )	≈ 9,400 per yd <sup>2</sup> (≈11,280 per m <sup>2</sup> )	≈ 9,400 per yd <sup>2</sup> (≈11,280 per m <sup>2</sup> )
<b>Fibre Length (80% min.)</b>	≥6.0 in (≥15.2 cm)	≥6.0 in (≥15.2 cm)	≥6.0 in (≥15.2 cm)
<b>Mass per Unit Area (± 10%)</b>	0.98 lb/yd <sup>2</sup> (0.53 kg/m <sup>2</sup> )	0.98 lb/yd <sup>2</sup> (0.53 kg/m <sup>2</sup> )	0.98 lb/yd <sup>2</sup> (0.53 kg/m <sup>2</sup> )
<b>Net Openings</b>	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)
<b>Polypropylene</b>	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	0.46 in (11.68 mm)
Light Penetration	ASTM D6567	20.5%
Resiliency	ASTM D1777/ECTC	53%
Mass per Unit Area	ASTM D6475	0.76 lb/yd <sup>2</sup> (0.412 kg/m <sup>2</sup> )
MD - Tensile Strength (max.)	ASTM D6818	139.2 lb/ft (2.03 kN/m)
TD - Tensile Strength (max.)	ASTM D6818	60.0 lb/ft (0.88 kN/m)
MD - Elongation	ASTM D6818	36.7%
TD - Elongation	ASTM D6818	29.5%
Swell	ECTC Procedure	56%
Water Absorption	ASTM D1117/ECTC	230%
Bench-Scale Rain Splash	ASTM D7101	SLR = 10.14 @ 2 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ASTM D7101	SLR = 11.01 @ 4 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ASTM D7101	SLR = 11.97 @ 6 in/hr <sup>c,d</sup>
Bench-Scale Shear	ASTM D7207	3.78 lb/ft <sup>2</sup> @ 0.5" soil loss <sup>d</sup>
Germination Improvement	ASTM D7322	615%

<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.