

CURLEX® II (.98) PRODUCT DATA SHEET

DESCRIPTION

Curlex II .98 erosion control blanket (ECB) consists of a specific cut of seed free Great Lakes Aspen curled wood excelsior with 80% six-inch fibers or greater fiber length. It is of consistent thickness with fibers evenly distributed throughout the entire area of the blanket. The top and bottom of each blanket is covered with one of a variety of available nettings. Product index values may vary slightly depending on the type of netting used on the blanket. Curlex II .98 is also available as QuickGRASS® (Dyed Green). ECB shall be Manufactured in the U.S.A.

Curlex II .98 has a design soil loss ratio (event-based RUSLE C factor) of .022 and is typically suitable for slopes up to 1:1. Curlex II .98 is rated for channel flows up to 9.5 ft/s (2.9 m/s) and 2.5 lb/ft² (120 Pa) shear stress.

PHYSICAL PROPERTIES

Curlex II .98 measurements at time of manufacturing:

Width		4.0 ft (1.2 m)	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length		90.0 ft (27.4 m)	90.0 ft (27.4 m)	90.0 ft (27.4 m)
Area		40.0 yd ² (33.4 m ²)	80.0 yd ² (66.9 m ²)	160.0 yd ² (133.8 m ²)
Weight*		39.2 lb (17.8 kg)	78.4 lb (35.6 kg)	156.8 lb (71.2 kg)
Fiber Count		≈9,400 per yd ² (≈11,280 per m ²)	≈9,400 per yd ² (≈11,280 per m ²)	≈9,400 per yd ² (≈11,280 per m ²)
Fiber 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%)		0.98 lb/yd ² (0.53 kg/m ²)	0.98 lb/yd ² (0.53 kg/m ²)	0.98 lb/yd ² (0.53 kg/m ²)
Net Openings	Polypropylene	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)
	FibreNet™ (Jute)	1.0 in x 0.5 in (25.4 mm x 12.7 mm)	1.0 in x 0.5 in (25.4 mm x 12.7 mm)	N/A

TYPICAL INDEX VALUES

<u>Index Property</u>	<u>Test Method</u>	<u>Value</u>
Thickness	ASTM D 6525	0.46 in (11.68 mm)
Light Penetration	ASTM D 6567	20.5%
Resiliency	ASTM D 1777/ECTC	53%
Mass per Unit Area	ASTM D 6475	0.76 lb/yd ² (412 g/m ²)
MD-Tensile Strength Max.	ASTM D 6818	139.2 lb/ft (2.04 kN/m)
TD-Tensile Strength Max.	ASTM D 6818	60.0 lb/ft (0.88 kN/m)
MD-Elongation	ASTM D 6818	36.7%
TD-Elongation	ASTM D 6818	29.5%
Swell	ECTC Procedure	56%
Water Absorption	ASTM D 1117/ECTC	230%
Bench-Scale Rain Splash	ASTM D 7101	SLR = 10.09 @ 2 in/hr
Bench-Scale Rain Splash	ASTM D 7101	SLR = 13.84 @ 4 in/hr
Bench-Scale Rain Splash	ASTM D 7101	SLR = 18.97 @ 6 in/hr
Bench-Scale Shear	ASTM D 7207	2.5 lb/ft ² @ 0.5" soil loss
Germination Improvement	ECTC Method 4	575%

* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.

