



CURLEX® I (.98) PRODUCT DATA SHEET

DESCRIPTION

Curlex I .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 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 I .98 is also available as QuickGRASS® (Dyed Green). ECB shall be Manufactured in the U.S.A.

Curlex I .98 has a design soil loss ratio (event-based RUSLE C factor) of .018 and is typically suitable for slopes up to 2:1. Curlex I .98 is rated for channel flows up to 7.5 ft/s (2.3 m/s) and 1.85 lb/ft² (89 Pa) shear stress.

PHYSICAL PROPERTIES

Curlex I .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

Index Property	Test Method	Value
Thickness	ASTM D 6525/ECTC	0.44 in (11.18 mm)
Light Penetration	ASTM D 6567	20%
Resiliency	ASTM D 6524	56%
Mass per Unit Area	ASTM D 6475	0.96 lb/yd ² (521 g/m ²)
MD-Tensile Strength Max.	ASTM D 5035/ECTC	57.60 lb/ft (0.84 kN/m)
TD-Tensile Strength Max.	ASTM D 5035/ECTC	45.60 lb/ft (0.67 kN/m)
MD-Elongation	ASTM D 5035/ECTC	25.2%
TD-Elongation	ASTM D 5035/ECTC	18%
Swell	ECTC Procedure	62%
Water Absorption	ASTM D 1117/ECTC	207%
Germination Improvement	ASTM D 7322	395%

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

