



## CURLEX® II (.98) MATERIAL SPECIFICATIONS

### Materials:

Great Lakes Aspen (naturally seed free)  
Polypropylene Netting  
Stitching Thread  
*QuickGRASS®* (green excelsior – optional)

### Typical Roll Sizes:

Width:	4.0 ft (1.2 m)	8.0 ft (2.4 m)	12.0 ft (3.7 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)	90.0 ft (27.4 m)
Area:	40.0 yd <sup>2</sup> (33.4 m <sup>2</sup> )	80.0 yd <sup>2</sup> (66.9 m <sup>2</sup> )	120.0 yd <sup>2</sup> (100.3 m <sup>2</sup> )	160.0 yd <sup>2</sup> (133.8 m <sup>2</sup> )
Weight:	39.2 lb (17.8 kg)	78.4 lb (35.6 kg)	117.6 lb (53.4 kg)	156.8 lb (71.2 kg)

### Description:

Curlex II .98 erosion control blanket (ECB) is a natural, stitched excelsior blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. Curlex II .98 is furnished in rolls with polyethylene wrapping to protect against the elements prior to installation, and may be ordered in Master-Paks of fifteen rolls banded together to minimize material handling requirements. 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/ft<sup>2</sup> (120 Pa) shear stress.

### Physical Properties:

Fiber:	Great Lakes Aspen (naturally seed free) Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6" (15.2 cm) long 0.038" ± 0.008" wide x 0.018" ± 0.003" thick (0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)
Weight*:	0.98 lb/yd <sup>2</sup> (0.53 kg/m <sup>2</sup> ) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0" (10.2 cm) transverse stitch spacing
Net Material:	Polypropylene (black with oxo-biodegrader additive, green with oxo-biodegrader additive or white with UV degrader additive)
Net Openings:	1.0" wide x 2.0" long (25.4 mm wide x 50.8 mm long)
Net Configuration:	Top and bottom

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





## MANUFACTURER'S CERTIFICATION

### **CURLEX® II (.98) - Erosion Control Blanket**

**Manufacturer:**

American Excelsior Company  
831 Pioneer Avenue  
Rice Lake, WI 54868  
1-866-9FIBERS (1-866-934-2377)

**Project Information (if applicable):**

**Name:**

**Location:**

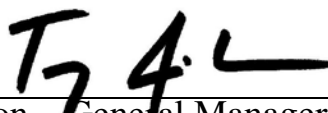
**Number:**

### Statement

We hereby certify that the above referenced material is manufactured to meet or exceed the following specification:

Fiber:	Great Lakes Aspen (naturally seed free) Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6" (15.2 cm) long 0.038" ± 0.008" wide x 0.018" ± 0.003" thick (0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)
Blanket Length:	-0' (m) + 2.0' (0.6 m)
Blanket Width:	-0" (mm) + 1.0" (25.4 mm)
Weight*:	0.98 lb/yd <sup>2</sup> (0.53 kg/m <sup>2</sup> ) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0" (10.2 cm) transverse stitch spacing
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Tony Johnson – General Manager, Rice Lake

09/23/11  
Effective Date

**Note:** This Certification expires, without notice, if document is updated by American Excelsior Company (AEC). Current Material Specifications and Manufacturer's Certifications (MSMC) for AEC products shall be accessed from [www.Curlex.com](http://www.Curlex.com) at all times.

