



CURLEX® I MATERIAL SPECIFICATIONS

Materials:

Great Lakes Aspen Excelsior
Polypropylene Netting
Polypropylene 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:	101.25 ft (30.9 m)	101.25 ft (30.9 m)	101.25 ft (30.9 m)	101.25 ft (30.9 m)
Area:	45.0 yd ² (37.6 m ²)	90.0 yd ² (75.3 m ²)	135.0 yd ² (112.9 m ²)	180.0 yd ² (150.5 m ²)
Weight:	32.9 lb (14.9 kg)	65.7 lb (29.8 kg)	98.6 lb (44.7 kg)	131.4 lb (59.7 kg)

Description:

Curlex I erosion control blanket is a natural, stitched excelsior blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. Curlex I 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 I is also available as *QuickGRASS*® (Dyed Green), which increases the roll weight approximately four pounds per 45 yd² of blanket.

Curlex I 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 is rated for channel flows up to 7.0 ft/s (2.1 m/s) and 1.75 lb/ft² (84 Pa) shear stress.

Physical Properties:

Fiber: Great Lakes Aspen Excelsior with no weed seeds
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*: 0.73 lb/yd² (0.40 kg/m²) ± 10% @ 22% Moisture

Thread Material: HT Polypropylene with UV degrader additive

Thread Pattern: 4" wide x 4" long (10.2 cm x 10.2 cm) ± 0.50" (1.3 cm)

Net Material: Polypropylene (green 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 side only

* 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® I - 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):

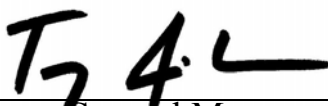
Name:
Location:
Number:

Statement

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

Fiber:	Great Lakes Aspen Excelsior with no weed seeds 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*:	0.73 lb/yd ² (0.40 kg/m ²) ± 10% @ 22% Moisture
Thread Material:	HT Polypropylene with UV degrader additive
Thread Pattern:	4" wide x 4" long (10.2 cm x 10.2 cm) ± 0.50" (1.3 cm)
Net Material:	Polypropylene (green 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 side only

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



Tony Johnson – General Manager, Rice Lake

7/21/08
Effective Date

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