



CURLEX® NetFree™ MATERIAL SPECIFICATIONS

Materials:

Great Lakes Aspen Excelsior
Biodegradable Stitching Thread

Typical Roll Sizes:

Width:	8.0 ft (2.4 m)
Length:	90.0 ft (27.4 m)
Area:	80.0 yd ² (66.9 m ²)
Weight:	58.4 lb (26.5 kg)

Description:

Curlex NetFree erosion control blanket is a 100% biodegradable, stitched excelsior blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. Curlex NetFree is furnished in rolls with polyethylene wrapping to protect against the elements prior to installation, and may be ordered in Master-Paks of nine rolls to minimize material handling requirements.

Curlex NetFree has a design soil loss ratio (event-based RUSLE C factor) of .063 and is typically suitable for slopes up to 3:1. Curlex NetFree is rated for channel flows up to 3.0 ft/s (0.9 m/s) and 1.0 lb/ft² (48 Pa) shear stress*.

*Curlex NetFree should always be installed in the same direction as anticipated flows.

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/yd ² (0.40 kg/m ²) - 0% + 15% @ 22% Moisture
Thread Material:	Biodegradable
Thread Pattern:	2" wide x 4" long (5.1 cm x 10.2 cm) ± 0.5" (1.3 cm)

** 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® NetFree™ - 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):

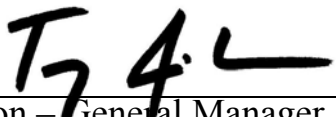
Name:
Location:
Number:

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) - 0% + 15% @ 22% Moisture
Thread Material:	Biodegradable
Thread Pattern:	2" wide x 4" long (5.1 cm x 10.2 cm) ± 0.5" (1.3 cm)

* 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

12/04/08
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.