



CURLEX® ENFORCER® MATERIAL SPECIFICATIONS

Materials:

Great Lakes Aspen Excelsior
Polypropylene Extra Heavy Duty Black Netting
Polypropylene Stitching Thread
QuickGRASS® (green excelsior – optional)

Typical Roll Sizes:

Width:	8.0 ft (2.4 m)
Length:	67.5 ft (20.6 m)
Area:	60.0 yd ² (50.2 m ²)
Weight:	75.0 lb (34.1 kg)

Description:

Curlex Enforcer erosion control blanket is a natural, stitched biocomposite cover material designed to enhance germination, reduce slope and/or channel erosion, and permanently reinforce vegetation. Curlex Enforcer 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 Enforcer is also available as *QuickGRASS*® (Dyed Green), which adds approximately five and a half pounds to the total weight of the blanket.

Curlex Enforcer has a design soil loss ratio (event-based RUSLE C factor) of .022 and is typically suitable for slopes up to .75:1. Curlex Enforcer is rated for channel flows up to 11 ft/s (3.4 m/s); 3.25 lb/ft² (156 Pa) shear stress unvegetated or 15 ft/s (4.6 m/s); 6.0 lb/ft² (288 Pa) shear stress vegetated.

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*:	1.25 lb/yd ² (0.68 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 extra heavy duty black
Net Openings:	0.75" wide x 1.0" long (19.1 mm x 25.4 mm)
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® ENFORCER® - 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):

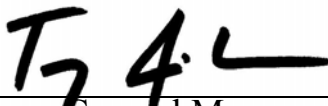
Name:
Location:
Number:

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*:	1.25 lb/yd ² (0.68 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 extra heavy duty black
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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.