American Excelsior Company®
Earth Science Division

Proud Participant in NTPEP and Proud Member of:

MATERIAL SPECIFICATIONS
CURLEX® I CL FIBRENET™

Materials:

Great Lakes Aspen (naturally seed-free)
Biodegradable Jute Netting
Biodegradable Stitching Thread
QuickGRASS® (green excelsior – optional)

Typical Roll Sizes:

Width:	4.0 ft (1.2 m)	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length:	125.0 ft (38.1 m)	125.0 ft (38.1 m)	125.0 ft (38.1 m)
Area:	55.6 yd^2 (46.5 m^2)	111.1 yd^2 (92.9 m^2)	222.2 yd^2 (185.8 m^2)
Weight:	30.6 lb (13.9 kg)	61.1 lb (27.7 kg)	122.2 lb (55.4 kg)

Description:

Curlex I CL FibreNet erosion control blanket (ECB) is a natural, 100% biodegradable stitched excelsior blanket with jute netting that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten revegetation. Curlex I CL FibreNet 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 CL FibreNet is also available as QuickGRASS (green pigment). Curlex I CL FibreNet shall be manufactured in the U.S.A.

Curlex I CL FibreNet has a design soil loss ratio (event-based RUSLE C factor) of .039 and is typically suitable for slopes up to 2H:1V. Curlex I CL FibreNet is rated for channel flows up to 5.0 ft/s (1.5 m/s) and 1.60 lb/ft^2 (77 Pa) shear stress.

Physical Properties:

Fiber:	Great Lakes Aspen (naturally seed-free) Curled, interlocking fibers with barbed edges
Weight[a]:	0.55 lb/yd^2 (0.30 kg/m^2) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
Net Material:	Biodegradable Jute
Net Openings:	≈ 0.5 in wide x 1.0 in long (12.7 mm x 25.4 mm)
Net Configuration:	Top side only

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

MADE IN THE U.S.A

850 Avenue H E | Arlington, Texas 76011
Phone 1-800-777-SOIL | Fax 817-385-3585 | www.Curlex.com

American Excelsior Company®
Earth Science Division

Proud Participant in NTPEP and Proud Member of:

MANUFACTURER'S CERTIFICATION
CURLEX® I CL FIBRENET™
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
Blanket Length:	-0 ft (m) + 2.0 ft (0.6 m)
Blanket Width:	-0 in (mm) + 1.0 in (25.4 mm)
Weight[a]:	0.55 lb/yd^2 (0.30 kg/m^2) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
Net Material:	Biodegradable Jute
Net Openings:	≈ 0.5 in wide x 1.0 in long (12.7 mm x 25.4 mm)
Net Configuration:	Top side only

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

Tony Richter – General Manager, Rice Lake

4/15/26
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.

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