American Excelsior Company®
Earth Science Division

Proud Participant in NTPEP and Proud Member of:

MATERIAL SPECIFICATIONS
CURLEX® ENFORCER®

Materials:

Great Lakes Aspen (naturally seed-free)
Polypropylene Extra Heavy Duty Black Netting
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, a biocomposite Turf Reinforcement Mat (TRM) is a natural, stitched 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 (green pigment). Curlex Enforcer shall be manufactured in the U.S.A.

Curlex Enforcer has a design soil loss ratio (event-based RUSLE C factor) of .022 and is typically suitable for slopes up to .5H:1V. Curlex Enforcer is rated for channel flows up to 11 ft/s (3.4 m/s); 3.25 lb/ft^2 (156 Pa) shear stress unvegetated or 17 ft/s (5.2 m/s); 10.0 lb/ft^2 (480 Pa) shear stress vegetated.

Physical Properties:

Fiber:	Great Lakes Aspen (naturally seed-free) Curled, interlocking fibers with barbed edges
Weight[a]:	1.25 lb/yd^2 (0.68 kg/m^2) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
Net Material:	Polypropylene extra heavy duty black
Net Openings:	0.75 in wide x 1.0 in long (19.1 mm x 25.4 mm)
Net Configuration:	Top and bottom

[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® 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 (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]:	1.25 lb/yd^2 (0.68 kg/m^2) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
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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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