



MATERIAL SPECIFICATIONS TRINET® CURLEX®

Materials:

Great Lakes Aspen (naturally seed free)
Polypropylene Netting
Stitching Thread

Typical Roll Sizes:

Width:	8.0 ft (2.4 m)	16 ft (4.9 m)
Length:	67.5 ft (20.6 m)	67.5 ft (20.6 m)
Area:	60 yd ² (50.2 m ²)	120 yd ² (100.34 m ²)
Weight:	70.0 lb (31.75 kg)	140.0 lb (63.51 kg)

Description:

TriNet Curlex a three dimensional 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. TriNet Curlex is furnished in rolls with polyethylene wrapping to protect against the elements prior to installation, and may be ordered in Master-Paks banded together to minimize material handling requirements. TriNet Curlex shall be manufactured in the U.S.A.

TriNet Curlex has a design soil loss ratio (event-based RUSLE C factor) of .031 and is typically suitable for slopes up to .5H:1V. TriNet Curlex is rated for channel flows up to 20.0 ft/s (6.1 m/s) and 13 lb/ft² (622 Pa) shear stress.

Physical Properties:

Fiber:	Great Lakes Aspen (naturally seed free) Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6 in (15.2 cm) long 0.038 in ± 0.008 in wide x 0.018 in ± 0.003 in thick (0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)
Curlex Fiber Matrix ^a :	0.730 lb/yd ² (0.396 kg/m ²) ± 10% @ 22% Moisture
Product Weight ^a :	1.167 lb/yd ² (0.633 kg/m ²) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
Net Material:	Top – Ultra Heavy Duty (UV-Stabilized) Middle Net – Ultra Heavy Duty (UV-Stabilized) Bottom – Super Heavy Duty (UV-Stabilized)
Net Openings:	Top – 0.454 in wide x 0.588 in long (11.54 mm x 14.94 mm) Middle – 0.454 in wide x 0.588 in long (11.54 mm x 14.94 mm) Bottom – 0.5 in wide by 0.5 in long (12.7 mm x 12.7 mm)
Net Configuration:	Top, middle, 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%.





MANUFACTURER'S CERTIFICATION
TRINET® CURLEX® – Turf Reinforcement Mat

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
Fiber Size:	80% of fibers a minimum of 6 in (15.2 cm) long 0.038 in ± 0.008 in wide x 0.018 in ± 0.003 in thick (0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)
Blanket Length:	-0 ft (m) + 2.0 ft (0.6 m)
Blanket Width:	-0 in (mm) + 1.0 in (25.4 mm)
Curlex Fiber Matrix ^a :	0.730 lb/yd ² (0.396 kg/m ²) ± 10% @ 22% Moisture
Product Weight ^a :	1.167 lb/yd ² (0.633 kg/m ²) ± 10% @ 22% Moisture
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T. Johnson

Tony Johnson, General Manager, Rice Lake

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.

