



MATERIAL SPECIFICATIONS TRINET™ COCONUT

Materials:

Coconut
Polypropylene Netting
Stitching Thread

Roll Sizes:

Width:	8.0 ft (2.4 m)	16 ft (4.9 m)
Length:	90.0 ft (27.4 m)	90.0 ft (27.4 m)
Area:	80.0 yd ² (66.9 m ²)	160.0 yd ² (133.8 m ²)
Weight:	66.64 lb (30.227 kg)	133.3 lb (60.46 kg)

Description:

TriNet Coconut 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. TriNet Coconut rolls are stretch wrapped to protect against the elements prior to installation, and may be ordered in Master-Paks banded together to minimize handling requirements. TriNet Coconut shall be manufactured in the U.S.A.

TriNet Coconut has a design soil loss ratio (event-based RUSLE C factor) of .031 and is typically suitable for slopes up to .5H:1V. TriNet Coconut is rated for channel flows up to 20.0 ft/s (6.1 m/s) and 12 lb/ft² (575 Pa) shear stress.

Physical Properties:

Fiber:	Coconut
Coconut Matrix ^a :	0.500 lb/yd ² (0.271 kg/m ²) ± 10%
Product Weight ^a :	0.833 lb/yd ² (0.452 kg/m ²) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
Net Material:	Top – Super Heavy Duty (UV-Stabilized) Middle Net – Ultra Heavy Duty (UV-Stabilized) Bottom – Super Heavy Duty (UV-Stabilized)
Net Openings:	Top – 0.5 in wide x 0.5 in long (12.7 mm x 12.7 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 Coconut fiber is 20%.





MANUFACTURER'S CERTIFICATION
TRINET™ COCONUT – 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:	Coconut
Blanket Length:	-0 ft (m), + 5% (upon application)
Blanket Width:	-0 in (mm) + 1.0 in (25.4 mm)
Coconut Matrix ^a :	0.500 lb/yd ² (0.271 kg/m ²) ± 10%
Product Weight ^a :	0.833 lb/yd ² (0.452 kg/m ²) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
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Rocky Van Gilder – V.P. of Wood Operations

Effective Date

Note: This Certification expires, without notice, if document is updated by American Excelsior Company (AEC). Current Material Specifications and Manufacturer's Certifications (MSMC) for AEC products shall be accessed from www.Curlex.com at all times.

