



## 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 <sup>2</sup> (66.9 m <sup>2</sup> ) | 160.0 yd <sup>2</sup> (133.8 m <sup>2</sup> ) |
| 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/ft<sup>2</sup> (575 Pa) shear stress.

### Physical Properties:

|                               |  |
|-------------------------------|--|
| Fiber:                        | Coconut  |
| Coconut Matrix <sup>a</sup> : | 0.500 lb/yd <sup>2</sup> (0.271 kg/m <sup>2</sup> ) ± 10%  |
| Product Weight <sup>a</sup> : | 0.833 lb/yd <sup>2</sup> (0.452 kg/m <sup>2</sup> ) ± 10%  |
| Thread Pattern:               | No more than 2.0 in (5.1 cm) transverse stitch spacing   |
| Net Material:                 | Top – Super Heavy Duty (UV-Stabilized)<br>Middle Net – Ultra Heavy Duty (UV-Stabilized)<br>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)<br>Middle – 0.454 in wide x 0.588 in long (11.54 mm x 14.94 mm)<br>Bottom – 0.5 in wide by 0.5 in long (12.7 mm x 12.7 mm) |
| Net Configuration:            | Top, middle, and bottom  |

<sup>a</sup> 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 <sup>a</sup> : | 0.500 lb/yd <sup>2</sup> (0.271 kg/m <sup>2</sup> ) ± 10%  |
| Product Weight <sup>a</sup> : | 0.833 lb/yd <sup>2</sup> (0.452 kg/m <sup>2</sup> ) ± 10%  |
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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](http://www.Curlex.com) at all times.

