



## AEC PREMIER COCONUT™ MATERIAL SPECIFICATIONS

### Materials:

100% Coconut  
Polypropylene Netting  
Polypropylene Stitching Thread

### Roll Sizes:

Width:	8.0 ft (2.4 m)
Length:	112.5 ft (34.3 m)
Area:	100.0 yd <sup>2</sup> (83.6 m <sup>2</sup> )
Weight:	50.0 lb (22.7 kg)

### Description:

AEC Premier Coconut erosion control blanket is a natural, stitched coconut blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. AEC Premier Coconut rolls are stretch wrapped to protect against the elements prior to installation, and may be ordered in Master-Paks of fifteen rolls banded together to minimize handling requirements.

AEC Premier Coconut has a design soil loss ratio (event-based RUSLE C factor) of .28 and is typically suitable for slopes up to 1:1. AEC Premier Coconut is rated for channel flows up to 9.0 ft/s (2.7 m/s) and 2.25 lb/ft<sup>2</sup> (108 Pa) shear stress.

### Physical Properties:

Fiber: 100% Coconut  
 Weight\*: 0.50 lb/yd<sup>2</sup> (0.27 kg/m<sup>2</sup>) ± 10%  
 Thread Material: HT Polypropylene with UV degrader additive  
 Thread Pattern: 1.5" wide x 2.0" long (3.8 cm x 5.08 cm)  
 ± 0" (cm) on width, ± 0.5" (1.3 cm) on length  
 Net Material: Polypropylene (heavy duty black)  
 Net Openings: 0.75" wide x 0.75" long (19.1 mm x 19.1 mm)  
 Net Configuration: Top and bottom

\* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Coconut fibers is 20%.



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**MANUFACTURER'S CERTIFICATION**

**AEC PREMIER COCONUT™ - 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:	100% Coconut
Blanket Length:	-0' (m), + 5% (upon application)
Blanket Width:	-0" (mm) + 1.0" (25.4 mm)
Weight*:	0.50 lb/yd <sup>2</sup> (0.27 kg/m <sup>2</sup> ) ± 10%
Thread Material:	HT Polypropylene with UV degrader additive
Thread Pattern:	1.5" wide x 2.0" long (3.8 cm x 5.08 cm)
Net Material:	Polypropylene (heavy duty black)
Net Openings:	0.75" wide x 0.75" long (19.1 mm x 19.1 mm)
Net Configuration:	Top and bottom

\* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Coconut fibers is 20%.

  
Rocky Van Gilder - Dir. of Wood Fiber Operations

7/21/08  
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](http://www.Curlex.com) at all times.