



## MATERIAL SPECIFICATIONS AEC PREMIER STRAW/COCONUT™ FIBRENET™

### Materials:

70% Agricultural Straw (certified weed seed free)  
30% Coconut  
Biodegradable Jute Netting  
Stitching Thread (UV degradable or biodegradable)

### 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 Straw/Coconut FibreNet erosion control blanket (ECB) is a natural, stitched straw/coconut blended blanket with 100% biodegradable jute netting that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. Product is 100% biodegradable when biodegradable thread is ordered. AEC Premier Straw/Coconut FibreNet 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 Straw/Coconut FibreNet shall be manufactured in the U.S.A.

AEC Premier Straw/Coconut FibreNet has a design soil loss ratio (event-based RUSLE C factor) of .15 and is typically suitable for slopes up to 1.5H:1V. AEC Premier Straw/Coconut FibreNet is rated for channel flows up to 8.5 ft/s (2.6 m/s) and 2.0 lb/ft<sup>2</sup> (96 Pa) shear stress.

### Physical Properties:

Fiber: 70% Agricultural Straw (certified weed seed free), 30% Coconut  
Fiber Size: 75% of straw fibers a minimum of 4 in (10.2 cm) long  
Weight<sup>a</sup>: 0.50 lb/yd<sup>2</sup> (0.27 kg/m<sup>2</sup>) ± 10%  
Thread Pattern: No more than 2.0 in (5.1 cm) transverse stitch spacing  
Net Material: Biodegradable Jute  
Net Openings: ≈ 0.5 in wide x 1.0 in long (12.7 mm x 25.4 mm)  
Net Configuration: Top and bottom

<sup>a</sup> Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw and AEC Premier Coconut fibers are 15% and 20%, respectively.





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**MANUFACTURER'S CERTIFICATION**  
**AEC PREMIER STRAW/COCONUT™ FIBRENET™**  
**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:	70% Agricultural Straw (certified weed seed free) 30% Coconut
Fiber Size:	75% of straw fibers a minimum of 4 in (10.2 cm) long
Blanket Length:	-0 ft (m), + 5% (upon application)
Blanket Width:	-0 in (mm) + 1.0 in (25.4 mm)
Weight <sup>a</sup> :	0.50 lb/yd <sup>2</sup> (0.27 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
Net Material:	Biodegradable Jute
Net Openings:	≈ 0.5 in wide x 1.0 in long (12.7 mm x 25.4 mm)
Net Configuration:	Top and bottom

<sup>a</sup> Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw and AEC Premier Coconut fibers are 15% and 20%, respectively.

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.

