



## **MATERIAL SPECIFICATIONS**

### **AEC PREMIER STRAW® SINGLE NET FIBRENET™**

#### **Materials:**

Agricultural Straw  
Biodegradable Jute Netting  
Biodegradable Stitching Thread

#### **Roll Sizes:**

Width:	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length:	112.5 ft (34.3 m)	112.5 ft (34.29 m)
Area:	100.0 yd <sup>2</sup> (83.6 m <sup>2</sup> )	200.0 yd <sup>2</sup> (167.2 m <sup>2</sup> )
Weight:	50.0 lb (22.7 kg)	100.0 lb (45.4 kg)

#### **Description:**

AEC Premier Straw Single Net FibreNet erosion control blanket (ECB) is a natural, 100% biodegradable, stitched straw blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. AEC Premier Straw Single Net 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 Single Net FibreNet shall be manufactured in the U.S.A.

AEC Premier Straw Single Net FibreNet has a design soil loss ratio (event-based RUSLE C factor) of .05 and is typically suitable for slopes up to 3H:1V. AEC Premier Straw Single Net FibreNet is rated for channel flows up to 4.5 ft/s (1.4 m/s) and 1.55 lb/ft<sup>2</sup> (74 Pa) shear stress.

#### **Physical Properties:**

Fiber: Agricultural Straw  
Fiber Size: 80% of fibers a minimum of 3 in (7.62 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 side only

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





EROSION CONTROL  
TECHNOLOGY COUNCIL  
ESTD: 1992  
DIRECTING MEMBER



**MANUFACTURER'S CERTIFICATION**  
**AEC PREMIER STRAW® SINGLE NET 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:	Agricultural Straw
Fiber Size:	80% of fibers a minimum of 3 in (7.62 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 side only

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

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 Manufacture's Certifications (MSMC) for AEC products shall be accessed from [www.Curlex.com](http://www.Curlex.com) at all times.

