



## **AEC PREMIER STRAW® SINGLE NET MATERIAL SPECIFICATIONS**

### **Materials:**

Certified Weed Seed Free Agricultural Straw  
Polypropylene Netting  
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 (34.3 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 lb (45.4 kg)

### **Description:**

AEC Premier Straw Single Net erosion control blanket (ECB) is a natural, 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 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. ECB shall be Manufactured in the U.S.A.

AEC Premier Straw Single Net has a design soil loss ratio (event-based RUSLE C factor) of .05 and is typically suitable for slopes up to 3:1. AEC Premier Straw Single Net 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: Certified Weed Seed Free Agricultural Straw  
Fiber Size: 75% of fibers a minimum of 4" (10.2 cm) long  
Weight\*: 0.50 lb/yd<sup>2</sup> (0.27 kg/m<sup>2</sup>) ± 10%  
Thread Pattern: No more than 2.0" (5.1 cm) transverse stitch spacing  
Net Material: Polypropylene (green with oxo-biodegrader additive or white with UV degrader additive)  
Net Openings: 0.5" wide by 0.5" long (12.7 mm x 12.7 mm)  
Net Configuration: Top side only

\* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw fibers is 15%.





## MANUFACTURER'S CERTIFICATION

### AEC PREMIER STRAW® SINGLE NET - 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:	Certified Weed Seed Free Agricultural Straw
Fiber Size:	75% of fibers a minimum of 4" (10.2 cm) long
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 Pattern:	No more than 2.0" (5.1 cm) transverse stitch spacing
Net Material:	Polypropylene (green with oxo-biodegrader additive or white with UV degrader additive)
Net Openings:	0.5" wide by 0.5" long (12.7 mm x 12.7 mm)
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Rocky Van Gilder - V.P. of Wood Operations

03/25/10  
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.

