



## **AEC PREMIER STRAW® DOUBLE 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)                            | 100.0 lb (45.4 kg)                            |

### **Description:**

AEC Premier Straw Double 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 Double 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 Double Net has a design soil loss ratio (event-based RUSLE C factor) of .05 and is typically suitable for slopes up to 2:1. AEC Premier Straw Double Net is rated for channel flows up to 7.0 ft/s (2.1 m/s) and 1.75 lb/ft<sup>2</sup> (84 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 and bottom                                                                         |

\* 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® DOUBLE 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)                                             |
| Net Configuration: | Top and bottom                                                                         |

\* 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

03/25/10  
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.

