



AEC PREMIER STRAW® FIBRENET™ SINGLE NET MATERIAL SPECIFICATIONS

Materials:

Certified Weed Seed Free Agricultural Straw
Biodegradable Jute Netting

Roll Sizes:

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

Description:

AEC Premier Straw FibreNet 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. The product is 100% biodegradable. AEC Premier Straw 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. ECB shall be Manufactured in the U.S.A.

AEC Premier Straw FibreNet 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 FibreNet Single Net is rated for channel flows up to 4.5 ft/s (1.4 m/s) and 1.55 lb/ft² (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 ² (0.27 kg/m ²) ± 10%
Thread Pattern:	No more than 2.0" (5.1 cm) transverse stitch spacing
Net Material:	Biodegradable Jute
Net Openings:	≈ 0.50" wide x 0.50" 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® FIBRENET™ 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 ² (0.27 kg/m ²) ± 10%
Thread Pattern:	No more than 2.0" (5.1 cm) transverse stitch spacing
Net Material:	Biodegradable Jute
Net Openings:	≈ 0.50" wide x 0.50" 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%.



Rocky Van Gilder - V.P. of Wood Operations

10/12/11
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 at all times.

