



MATERIAL SPECIFICATIONS
AEC PREMIER STRAW® SINGLE NET FIBRENET™

Materials:

Agricultural Straw
Biodegradable Jute Netting
Stitching Thread (UV degradable or biodegradable)

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 ² (83.6 m ²)	200.0 yd ² (167.2 m ²)
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, 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 when biodegradable thread is ordered. 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/ft² (74 Pa) shear stress.

Physical Properties:

Fiber: Agricultural Straw
Fiber Size: 80% of fibers a minimum of 3 in (7.62 cm) long
Weight^a: 0.50 lb/yd² (0.27 kg/m²) ± 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

^a 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 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 ^a :	0.50 lb/yd ² (0.27 kg/m ²) ± 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

^a 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 at all times.

