



MATERIAL SPECIFICATIONS
AEC PREMIER STRAW/COCONUT™ FIBRENET™

Materials:

- 70% Agricultural Straw
- 30% Coconut
- Biodegradable Jute Netting
- Stitching Thread (UV degradable or biodegradable)

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/Coconut FibreNet erosion control blanket (ECB) is a natural, stitched straw/coconut blended blanket with 100% biodegradable jute netting that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. Product is 100% biodegradable when biodegradable thread is ordered. AEC Premier Straw/Coconut 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/Coconut FibreNet shall be manufactured in the U.S.A.

AEC Premier Straw/Coconut FibreNet has a design soil loss ratio (event-based RUSLE C factor) of .15 and is typically suitable for slopes up to 1.5H:1V. AEC Premier Straw/Coconut FibreNet is rated for channel flows up to 8.5 ft/s (2.6 m/s) and 2.0 lb/ft² (96 Pa) shear stress.

Physical Properties:

- Fiber: 70% Agricultural Straw, 30% Coconut
- Fiber Size: 75% of straw fibers a minimum of 4 in (10.2 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 and bottom

^a Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw and AEC Premier Coconut fibers are 15% and 20%, respectively.





MANUFACTURER'S CERTIFICATION
AEC PREMIER STRAW/COCONUT™ 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:	70% Agricultural Straw, 30% Coconut
Fiber Size:	75% of straw fibers a minimum of 4 in (10.2 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 and bottom

^a Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw and AEC Premier Coconut fibers are 15% and 20%, respectively.

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.

