



## MATERIAL SPECIFICATIONS

### AEC PREMIER COCONUT™ HIGHWAY ROLLS

**Materials:**

Coconut  
Polypropylene Netting  
Stitching Thread

**Roll Sizes:**

Width:	8.0 ft (2.4 m)
Length:	562.5 ft (171.5 m)
Area:	500.0 yd <sup>2</sup> (418.1 m <sup>2</sup> )
Weight:	250.0 lb (113.5 kg)

**Description:**

AEC Premier Coconut Highway Rolls are mechanically-installed, stitched erosion control blankets (ECB) that provide a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten revegetation. AEC Premier Coconut Highway Rolls significantly speed up the unrolling process. AEC Premier Coconut Highway Rolls are furnished in rolls with polyethylene wrapping and a 4 in cardboard core for mechanical installation. AEC Premier Coconut Highway Rolls shall be manufactured in the U.S.A.

AEC Premier Coconut Highway Rolls has a design soil loss ratio (event-based RUSLE C factor) of 0.05 and is typically suitable for slopes up to 1H:1V<sup>a</sup>. AEC Premier Coconut Highway Rolls are rated for channel flows up to 9.0 ft/s (2.7 m/s) and 2.25 lb/ft<sup>2</sup> (108 Pa) shear stress.

<sup>a</sup> Slope steepness is dependent on the safe operating limits of the installation equipment. Refer to equipment safety manual.

**Physical Properties:**

Fiber:	Coconut
Weight <sup>b</sup> :	0.50 lb/yd <sup>2</sup> (0.27 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
Net Material:	Polypropylene (HV black with oxo-biodegrader and UV degrader additives)
Net Openings:	0.75 in wide x 0.75 in long (19.1 mm x 19.1 mm)
Net Configuration:	Top and bottom

<sup>b</sup> Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Coconut fibers is 20%.





**MANUFACTURER'S CERTIFICATION**  
**AEC PREMIER COCONUT™ HIGHWAY ROLLS**  
**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:	Coconut
Blanket Length:	-0 ft (m), + 5% (upon application)
Blanket Width:	-0 in (mm) + 1.0 in (25.4 mm)
Weight <sup>b</sup> :	0.50 lb/yd <sup>2</sup> (0.27 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
Net Material:	Polypropylene (HV black with oxo-biodegrader and UV degrader additives)
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Tony Johnson – 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 Manufacturer's Certifications (MSMC) for AEC products shall be accessed from [www.Curlex.com](http://www.Curlex.com) at all times.

