



MATERIAL SPECIFICATIONS
AEC PREMIER STRAW® HIGHWAY ROLLS SINGLE NET

Materials:

Agricultural Straw
Polypropylene Netting
Stitching Thread

Roll Sizes:

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

Description:

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

AEC Premier Straw Highway Rolls Single Net has a design soil loss ratio (event-based RUSLE C factor) of .05 and is typically suitable for slopes up to 3H:1V^a. AEC Premier Straw Highway Rolls 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.

^a Slope steepness is dependent on the safe operating limits of the installation equipment. Refer to equipment safety manual.

Physical Properties:

Fiber: Agricultural Straw
Fiber Size: 75% of fibers a minimum of 4 in (10.2 cm) long
Weight^b: 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: Polypropylene (green with oxo-biodegrader and UV degrader additives or white with UV degrader additive)
Net Openings: 0.5 in wide by 0.5 in long (12.7 mm x 12.7 mm)
Net Configuration: Top side only

^b 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® HIGHWAY ROLLS - Erosion Control Blankets

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:	75% of 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 ^b :	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:	Polypropylene (green with oxo-biodegrader and UV degrader additives or white with UV degrader additive)
Net Openings:	0.5 in wide by 0.5 in long (12.7 mm x 12.7 mm)
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^b 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.

