



MATERIAL SPECIFICATIONS

AEC PREMIER STRAW® HIGHWAY ROLLS DOUBLE 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 Double 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 revegetation. AEC Premier Straw Highway Rolls Double Net significantly speed up the unrolling process. AEC Premier Straw Highway Rolls Double Net are furnished in rolls with polyethylene wrapping and a 4 in cardboard core for mechanical installation. AEC Premier Straw Highway Rolls Double Net shall be manufactured in the U.S.A.

AEC Premier Straw Highway Rolls Double Net has a design soil loss ratio (event-based RUSLE C factor) of .05 and is typically suitable for slopes up to 2H:1V^a. AEC Premier Straw Highway Rolls Double Net is rated for channel flows up to 7.0 ft/s (2.1 m/s) and 1.75 lb/ft² (84 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: 80% of fibers a minimum of 3 in (7.62 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 and bottom

^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 DOUBLE 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:	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 ^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)
Net Configuration:	Top and bottom

^b Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw fibers is 15%.

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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 Manufacture's Certifications (MSMC) for AEC products shall be accessed from www.Curlex.com at all times.

