



AEC PREMIER STRAW® SINGLE NET MATERIAL SPECIFICATIONS

Materials:

100% Certified Weed Seed Free Agricultural Straw
Polypropylene Netting
Polypropylene Stitching Thread

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 (34.3 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 lb (45.4 kg)

Description:

AEC Premier Straw Single Net erosion control blanket is a natural, stitched straw blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. AEC Premier Straw Single Net 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 has a design soil loss ratio (event-based RUSLE C factor) of .05 and is typically suitable for slopes up to 3:1. AEC Premier Straw 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.

Physical Properties:

Fiber:	100% Certified Weed Seed Free Agricultural Straw
Fiber Size:	75% of fibers a minimum of 4" (10.2 cm) long
Weight*:	0.50 lb/yd ² (0.27 kg/m ²) ± 10%
Thread Material:	HT Polypropylene with UV degrader additive
Thread Pattern:	1.5" wide x 2.0" long (3.8 cm x 5.08 cm) ± 0" (cm) on width, ± 0.5" (1.3 cm) on length
Net Material:	Polypropylene (green or white with UV degrader additive)
Net Openings:	0.5" wide by 0.5" long (12.7 mm x 12.7 mm)
Net Configuration:	Top side only

* 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 - 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:	100% Certified Weed Seed Free Agricultural Straw
Fiber Size:	75% of fibers a minimum of 4" (10.2 cm) long
Blanket Length:	-0' (m), + 5% (upon application)
Blanket Width:	-0" (mm) + 1.0" (25.4 mm)
Weight*:	0.50 lb/yd ² (0.27 kg/m ²) ± 10%
Thread Material:	HT Polypropylene with UV degrader additive
Thread Pattern:	1.5" wide x 2.0" long (3.8 cm x 5.08 cm)
Net Material:	Polypropylene (green or white with UV degrader additive)
Net Openings:	0.5" wide by 0.5" long (12.7 mm x 12.7 mm)
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Rocky Van Gilder - Dir. of Wood Fiber Operations

01/22/09
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.