



AEC PREMIER STRAW/COCONUT™ MATERIAL SPECIFICATIONS

Materials:

70% Agricultural Straw (certified weed seed free)
30% Coconut
Polypropylene Netting
Polypropylene Stitching Thread

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 erosion control blanket is a natural, stitched straw/coconut blended blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. AEC Premier Straw/Coconut 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 has a design soil loss ratio (event-based RUSLE C factor) of .15 and is typically suitable for slopes up to 1.5:1. AEC Premier Straw/Coconut 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 (certified weed seed free), 30% Coconut
Fiber Size: 75% of straw fibers a minimum of 4" (10.2 cm) long
Weight*: 0.50 lb/yd² (0.27 kg/m²) ± 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: Top - Polypropylene (heavy duty black)
Bottom - Polypropylene (green)
Net Openings: Top - 0.75" wide x 0.75" long (19.1 mm x 19.1 mm)
Bottom - 0.5" wide by 0.5" long (12.7 mm x 12.7 mm)
Net Configuration: Top and bottom

* 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™ - 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 (certified weed seed free) 30% Coconut |
| Fiber Size: | 75% of straw 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: | Top - Polypropylene (heavy duty black) Bottom - Polypropylene (green) |
| Net Openings: | Top - 0.75" wide x 0.75" long (19.1 mm x 19.1 mm) Bottom - 0.5" wide by 0.5" long (12.7 mm x 12.7 mm) |
| Net Configuration: | Top and bottom |

* 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 - Dir. of Wood Fiber Operations

10/20/08
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.