



## E-MAT® MATERIAL SPECIFICATIONS

### Materials:

Great Lakes Aspen (naturally seed free)  
Polypropylene Netting  
Stitching Thread  
*QuickGrass*® (dyed green excelsior)

### Typical Roll Sizes:

Width:	4.0 ft ( 1.2 m)	2.5 ft ( 0.8 m)
Length:	100.0 ft (30.5 m)	56.3 ft (17.2 m)
Area:	44.4 yd <sup>2</sup> (37.1 m <sup>2</sup> )	16.9 yd <sup>2</sup> (14.1 m <sup>2</sup> )
Weight:	32.4 lb (14.7 kg)	12.3 lb (5.6 kg)

### Description:

E-MAT is an erosion control / seed starter blanket that is a stitched excelsior blanket that provides a temporary organic cover to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation. Product shall be Manufactured in the U.S.A.

### Physical Properties:

Fiber: Great Lakes Aspen (naturally seed free)  
Curled, interlocking fibers with barbed edges  
Fiber Size: 80% of fibers a minimum of 6" (15.2 cm) long  
0.038" ± 0.008" wide x 0.018" ± 0.003" thick  
(0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)  
Weight\*: 0.73 lb/yd<sup>2</sup> (0.40 kg/m<sup>2</sup>) ± 10% @ 22% Moisture  
Thread Pattern: No more than 4.0" (10.2 cm) transverse stitch spacing  
Net Material: Polypropylene (green with oxo-biodegrader additive)  
Net Openings: 1.0" wide x 1.0" long (25.4 mm wide x 25.4 mm long)  
Net Configuration: Top side only

\* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.





## MANUFACTURER'S CERTIFICATION

### **E-MAT® – Erosion Control / Seed Starter Blanket**

#### **Manufacturer:**

American Excelsior Company – Fiberex® Division  
4032 Parkway Drive  
Florence, AL 35630  
Toll Free 1-800-243-3455

#### **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:	Great Lakes Aspen (naturally seed free) Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6" (15.2 cm) long 0.038" ± 0.008" wide x 0.018" ± 0.003" thick (0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)
Blanket Length:	-0' (m) + 2.0' (0.6 m)
Blanket Width:	-0" (mm) + 1.0" (25.4 mm)
Weight*:	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> ) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0" (10.2 cm) transverse stitch spacing
Net Material:	Polypropylene (green with oxo-biodegrader additive)
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Chuck Rayburn – General Manager, Fiberex

03/25/10  
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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.AmericanExcelsior.com](http://www.AmericanExcelsior.com) at all times.

