



MATERIAL SPECIFICATIONS **INDEX™ BFM**

Materials:

Natural Wood Fibers (including Curlex® Fibers)
High Grade Organic Tackifier
Cross-Linked Binder
Green Dye

Description:

Bindex BFM is a hydraulically applied bonded fiber matrix (BFM) providing an organic cover to protect seeds, enhance germination, and hasten re-vegetation when mixed with water and applied with hydraulic mulching equipment. Bindex BFM is a blend of natural wood fibers (including Curlex Fibers), high grade organic tackifier, cross-linked binder, and green dye. Bindex BFM is available palletized in bags for applicator convenience. Bindex BFM shall be manufactured in the U.S.A.

Bindex BFM has a design soil loss ratio (event-based RUSLE C factor) of ≤ 0.10 and is typically suitable for slopes up to 1H:1V. Bindex BFM improves germination by $\geq 300\%$ (ASTM D 7322).

Physical Properties:

Fiber:	Natural Wood Fibers
Fiber Length:	25% or more of fibers ≥ 0.40 in (10.2 mm) long 50% of fibers retained on #24 sieve
Bag Gross Weight:	≈ 50.0 lb (22.7 kg)
Green Dye:	≈ 8.0 oz (0.227 kg)
Tackifier:	≈ 72.0 oz (2.04 kg)
Bag Volume:	9.0 ft ³ (255 L) Before Compression 4.0 ft ³ (113 L) After Compression
Moisture Content:	12% \pm 3%
pH:	6.9 (ASTM D 778)
Organic Matter:	98.1% (ASTM D 2974)
Ash Content:	1.91% (ASTM D 2974)
Water Holding Capacity:	1,369% (ASTM D 7367)

All measurements are based on product at time of manufacture.





MANUFACTURER'S CERTIFICATION
BINDEX™ BFM – Bonded Fiber Matrix

Provider:

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:

Composition:	Natural Wood Fibers (including Curlex® Fibers), High Grade Organic Tackifier, Cross-Linked Binder, Green Dye
Fiber Length:	25% or more of fibers \geq 0.40 in (10.2 mm) long 50% of fibers retained on #24 sieve
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Tony Johnson – General Manager, Rice Lake

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.

