

# Bindex™

## Bindex Family of Hydraulic Mulches - with Curlex® Fibers



Innovative erosion and sediment control solutions are a norm at American Excelsior Company and that is why our Curlex Fibers are the backbone of our erosion and sediment control products. We now have a family of products to choose from when the project condition warrant the use of hydraulically applied product. Imagine the convenience of ordering base mulch products to a quality bonded fiber matrix (BFM), standard straw, straw/coconut, and coconut blankets, industry standard Curlex erosion control blankets, high performing and environmental friendly Recyclax® turf reinforcement mats (TRMs), and efficient Curlex Sediment Log® and standard straw wattles for sediment control all from the same company on the same truck. The Bindex innovation of a high performance hydraulically applied mulch family of products has provided our customers with the industry's BEST COST DELIVERY SYSTEM from our six manufacturing and distribution centers.

### Bindex Family of Hydraulic Mulches Applications

- Utility Transmission Right-of -Way
- Golf Course Construction
- Residential Development
- Slope Stabilization
- Commercial Development
- Landfill Development
- Highway Construction

### Bindex BFM Highlights

- Hydraulically applied slurry binds to almost any soil surface and dries to form a bonded fiber matrix that can be hydrated repeatedly
- Matrix helps reduce surface erosion by holding soil, seed, and amendments in place while promoting vegetation establishment
- Matrix protects from rainfall and wind erosion while releasing moisture to the soil below it.
- Made from wood fibers (including Curlex fibers), a natural binding agent, and a mixture of organic and mineral activators
- Formula is non-toxic and biodegradable
- Self-contained one bag system
- Does not require two-step application



## Bindex Material Specifications

Product <sup>a</sup>	Ingredients
Bindex BFM	≈88.0% Natural Wood Fibers ( including Curlex® Fibers), ≈9% High-Grade Organic Tackifier, ≈1.0% Proprietary, ≈1.0% Proprietary, ≈1.0% Green Pigment
Bindex Wood WT	≈97.0% Natural Wood Fibers (including Curlex® fibers), ≈3% High-Grade Organic Tackifier, <1.0% Green Pigment
Bindex Blend WT	≈60% ± 10% Natural Wood Fibers (including Curlex® fibers), ≈40% ± 10% Recycled Clean Paper, ≈3% High-Grade Organic Tackifier, <1.0% Green Pigment
Bindex Wood	≈99.0% Natural Wood Fibers (including Curlex® fibers), <1.0% Green Pigment
Bindex Blend	≈60% ± 10% Natural Wood Fibers (including Curlex® fibers), ≈40% ± 10% Recycled Clean Paper, <1.0% Green Pigment

<sup>a</sup>All products come in plastic bags [≈50.0 lb (22.6 kg)] that are shipped 36 bags per pallet.

## Bindex Performance Specifications

Product	Slope Rating	Slope Length <sup>b</sup>	Application Rate
Bindex BFM	1H:1V and flatter	75 ft (22.9 m)	3,000 – 4,200 pounds per acre (3,362 – 4,707 kg/ha)
Bindex Wood WT	3H:1V and flatter	50 ft (15.2 m)	2,000 – 3,000 pounds per acre (2,241 – 3,362 kg/ha)
Bindex Blend WT	3.5H:1V and flatter	50 ft (15.2 m)	2,000 – 3,000 pounds per acre (2,241 – 3,362 kg/ha)
Bindex Wood	5H:1V and flatter	20 ft (6.1 m)	2,000 – 3,000 pounds per acre (2,241 – 3,362 kg/ha)
Bindex Blend	5H:1V and flatter	20 ft (6.1 m)	2,000 – 3,000 pounds per acre (2,241 – 3,362 kg/ha)

<sup>b</sup>Recommended maximum un-interrupted slope length at maximum slope rating. Install Curlex® Sediment Log® perpendicular to slope length at proper spacing intervals prior to applying hydraulic mulch when slope interruption is used.

Disclaimer: Bindex Family of Hydraulic Mulches are systems for erosion control and re-vegetation on slopes. American Excelsior Company (AEC) believes that the information contained herein to be reliable and accurate for use in erosion control and re-vegetation applications. However, since physical conditions vary from job site to job site and even within a given job site, AEC makes no performance guarantees and assumes no obligation or liability for the reliability or accuracy of information contained herein for the results, safety or suitability of using Bindex Family of Hydraulic Mulches, or for damages occurring in connection with the installation of any erosion control product whether or not made by AEC or its affiliates, except as separately and specifically made in writing.



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