American Excelsior Company is proud to release another innovation - Curlex NetFree Erosion Control Blanket (ECB). Curlex NetFree is the first ECB that does not contain netting of any type; however, the product still possesses all the unique and beneficial properties of the Curlex fiber.

**Why NetFree?**

American Excelsior Company recognized the erosion control industry's need for an ECB that did not contain any netting. Many applications of ECBs require netting materials to degrade or decompose sooner than nettings are capable of. Residential projects, golf courses, environmentally sensitive areas are a few example applications. Curlex NetFree has solved the many problems that are associated with ECB netting:

- No more entrapment of wildlife or pets
- No more netting tangled in mowing equipment
- No more worries about future environmental risks - Curlex NetFree is 100% biodegradable
- No more tripping on netting
- No more waiting for netting to decompose

**Applications/Testing**

Curlex NetFree ECB is intended for use on slopes ≤ 3H:1V. Large scale testing that followed procedures outlined in ASTM D-6459, “Standard Test Method for Determination of Erosion Control Blanket (ECB) Performance in Protecting Hillslopes from Rainfall-Induced Erosion” showed the ability of Curlex NetFree to protect slopes from rainfall-induced erosion. Curlex NetFree has a C factor (cover management value from the Revised Universal Soil Loss Equation) of .063, which is the ratio of soil loss from an area protected with Curlex NetFree to soil loss from an identical but unprotected area.


**Material Specifications**

Curlex NetFree ECB shall conform to the following specifications at time of manufacture:

- **Fiber**: Great Lakes Aspen Excelsior with no seeds. Curled, interlocking fibers with barbed edges
- **Fiber Size**: 80% of fibers a minimum of 6” (15.2 cm) long
  - 0.038” ± 0.010” wide x 0.018” ± 0.003” thick
  - (0.97 mm ± 0.25 mm wide x 0.45 mm ± 0.08 mm thick)
- **Mass per Unit Area**: 0.73 lb/yd² (0.40 kg/m²) ±0 + 15%
- **Thread Material**: Biodegradable
- **Width**: 8.0 ft (2.4 m) -0” (mm) +1.0” (25.4 mm)
- **Length**: 90.0 ft (27.4 m) -0’ (m) + 2.0’ (0.6 m)
- **Area**: 80.0 yd² (66.9 m²)

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

If you would like to receive more information or consult with one of our Customer Care Center Specialists, please call us toll free at (888-352-9582)

www.curlex.com

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