



## RECYCLEX® TRM – V MATERIAL SPECIFICATIONS

### Materials:

100% Recycled Post Consumer Polyester Fiber  
Polypropylene Netting  
Polypropylene Stitching Thread

### Roll Sizes:

Width:	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length:	112.5 ft (34.3 m)	112.5 ft (34.3 m)
Area:	100.0 yd <sup>2</sup> (83.6 m <sup>2</sup> )	200.0 yd <sup>2</sup> (167.2 m <sup>2</sup> )
Weight:	50.0 lb (22.7 kg)	100.0 lb (45.4 kg)

### Description:

Recyclex TRM – V is a three dimensional Turf Reinforcement Mat specifically designed to provide permanent structural support for vegetation root systems (root reinforcement) and/or surface support underneath vegetation (stem reinforcement). Recyclex TRM – V may be installed, soil filled, and seeded to allow the germination of reinforced vegetation above, and a permanent, structural root system to grow into its matrix below. In addition, Recyclex TRM – V may be installed as “stand alone” over top soil and seed, which allows vegetation to grow up through its permanent matrix. Recyclex TRM – V rolls are stretch wrapped to protect against the elements prior to installation, and may be ordered in Master-Paks of nine rolls banded together to minimize handling requirements.

Recyclex TRM – V has a design soil loss ratio (event-based RUSLE C factor) of .022 and is typically suitable for slopes up to 0.5:1. Recyclex is rated for channel flows up to 16.0 ft/s (4.9 m/s) and shear stress up to 7.0 lb/ft<sup>2</sup> (336 Pa) when vegetated.

### Physical Properties:

Fiber: 100% Recycled Post Consumer Polyester  
Fiber Size: 80% of fibers a minimum of 5” (15.7 cm) long  
Fiber Weight: 400 Denier Polyester  
Unit Weight: 0.50 lb/yd<sup>2</sup> (0.27 kg/m<sup>2</sup>) ± 10%  
Thread Material: HT Polypropylene  
Thread Pattern: 1.5” wide x 3” long (3.8 cm x 7.6 cm) ± 0.50” (1.3 cm)  
Net Material: Polypropylene heavy duty black  
Net Openings: 0.75” wide x 0.75” long (19.1 mm x 19.1 mm)  
Net Configuration: Top and bottom

**All measurements are based on product at time of manufacture.**



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**MANUFACTURER'S CERTIFICATION**

**RECYCLEX® TRM – V – Turf Reinforcement Mat**

**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:	100% Recycled Post Consumer Polyester
Fiber Size:	80% of fibers a minimum of 5" (15.7 cm) long
Fiber Weight:	400 Denier Polyester
TRM Length:	-0' (m), + 5% (upon application)
TRM Width:	-0" (mm) + 1.0" (25.4 mm)
Unit Weight:	0.50 lb/yd <sup>2</sup> (0.27 kg/m <sup>2</sup> ) ± 10%
Thread Material:	HT Polypropylene
Thread Pattern:	1.5" wide x 3" long (3.8 cm x 7.6 cm) ± 0.50" (1.3 cm)
Net Material:	Polypropylene heavy duty black
Net Openings:	0.75" wide x 0.75" long (19.1 mm x 19.1 mm)
Net Configuration:	Top and bottom

**All measurements are based on product at time of manufacture.**

  
Rocky Van Gilder – Dir. of Wood Fiber Operations

7/21/08  
Effective Date

**Note:** This Certification expires, without notice, if document is updated by American Excelsior Company (AEC). Current Material Specifications and Manufacturer's Certifications (MSMC) for AEC products shall be accessed from [www.Curlex.com](http://www.Curlex.com) at all times.