



## MATERIAL SPECIFICATIONS RECYCLEX® TRM

### Materials:

100% Recycled Post Consumer Polyester Fiber  
Polypropylene Netting  
Stitching Thread

### Roll Sizes:

Width:	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length:	90.0 ft (27.4 m)	90.0 ft (27.4 m)
Area:	80.0 yd <sup>2</sup> (66.9 m <sup>2</sup> )	160.0 yd <sup>2</sup> (133.8 m <sup>2</sup> )
Weight:	50.0 lb (22.7 kg)	100.0 lb (45.4 kg)

### Description:

Recyclex TRM is a three dimensional Turf Reinforcement Mat (TRM) specifically designed to provide permanent structural support for vegetation root systems (root reinforcement) and/or surface support underneath vegetation (stem reinforcement). Recyclex TRM 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 may be installed as “stand alone” over top soil, seed, and fertilizer which allows vegetation to grow up through its permanent matrix. Recyclex TRM rolls are stretch wrapped to protect against the elements prior to installation, and may be ordered in Master-Paks of twenty and twenty-five rolls banded together to a pallet to minimize handling requirements. Recyclex TRM shall be manufactured in the U.S.A. and the fibers shall be made from 100% recycled post-consumer goods.

Recyclex TRM has a design soil loss ratio (event-based RUSLE C factor) of .022 and is typically suitable for slopes up to .5H:1V. Recyclex TRM is rated for channel flows up to 17.0+ ft/s (5.2+ m/s) and shear stress up to 10.0+ lb/ft<sup>2</sup> (480+ Pa) when vegetated.

### Physical Properties:

Fiber:	100% Recycled Post Consumer Polyester
Fiber Size:	80% of fibers a minimum of 5 in (15.7 cm) long
Fiber Weight:	≤ 400 Denier Polyester
Unit Weight:	0.625 lb/yd <sup>2</sup> (0.34 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	1.5 in (3.8 cm) ± 0.50 in (1.3 cm) transverse stitch spacing
Net Material:	Polypropylene extra heavy duty black - top Polypropylene heavy duty black - bottom
Net Openings:	0.75 in wide x 1.0 in long (19.1 mm x 25.4 mm) - top 0.75 in wide x 0.75 in long (19.1 mm x 19.1 mm) - bottom
Net Configuration:	Top and bottom

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





**MANUFACTURER'S CERTIFICATION**  
**RECYCLEX® TRM – 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 in (15.7 cm) long
Fiber Weight:	≤ 400 Denier Polyester
TRM Length:	-0 ft (m), + 5% (upon application)
TRM Width:	-0 in (mm) + 1.0 in (25.4 mm)
Unit Weight:	0.625 lb/yd <sup>2</sup> (0.34 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	1.5 in (3.8 cm) ± 0.50 in (1.3 cm) transverse stitch spacing
Net Material:	Polypropylene extra heavy duty black - top Polypropylene heavy duty black - bottom
Net Openings:	0.75 in wide x 1.0 in long (19.1 mm x 25.4 mm) - top 0.75 in wide x 0.75 in long (19.1 mm x 19.1 mm) - bottom
Net Configuration:	Top and bottom

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

  
Rocky Van Gilder – V.P. of Wood Operations

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](http://www.Curlex.com) at all times.

