



MATERIAL SPECIFICATIONS RECYCLEX® TRM

Materials:

100% Recycled Poly 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 ² (66.9 m ²)	160.0 yd ² (133.8 m ²)
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 long-term 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 long-term, structural root system to grow into its matrix below. In addition, Recyclex TRM may be installed as “stand alone” over topsoil, seed, and fertilizer which allows vegetation to grow up through its 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 poly 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/ft² (480+ Pa) when vegetated.

Physical Properties:

Fiber:	100% Recycled Poly
Fiber Size:	80% of fibers a minimum of 5 in (12.7 cm) long
Unit Weight:	0.625 lb/yd ² (0.34 kg/m ²) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 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 Poly
Fiber Size:	80% of fibers a minimum of 5 in (12.7 cm) long
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 ² (0.34 kg/m ²) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 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.

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Tony Johnson – 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 at all times.

