

MATERIAL SPECIFICATIONS RECYCLEX® TRM – V

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: | 112.5 ft (34.3 m) | 112.5 ft (34.3 m) |
| Area: | 100.0 yd ² (83.6 m ²) | 200.0 yd ² (167.2 m ²) |
| Weight: | 50.0 lb (22.7 kg) | 100.0 lb (45.4 kg) |

Description:

Recyclex TRM – V 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 – 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, seed, and fertilizer 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 twenty and twenty-five rolls banded together to a pallet to minimize handling requirements. Recyclex TRM – V shall be manufactured in the U.S.A. and the fibers shall be made from 100% recycled post-consumer goods.

Recyclex TRM – V 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 – V is rated for channel flows up to 16.0+ ft/s (4.9+ m/s) and shear stress up to 8.0+ lb/ft² (384+ 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: 0.50 lb/yd² (0.27 kg/m²) ± 10%
Thread Pattern: 1.5 in (3.8 cm) ± 0.50 in (1.3 cm) transverse stitch spacing
Net Material: Polypropylene heavy duty black
Net Openings: 0.75 in wide x 0.75 in long (19.1 mm x 19.1 mm)
Net Configuration: Top and bottom

All measurements are based on product at time of manufacture.





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 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: | 0.50 lb/yd ² (0.27 kg/m ²) ± 10% |
| Thread Pattern: | 1.5 in (3.8 cm) ± 0.50 in (1.3 cm) transverse stitch spacing |
| Net Material: | Polypropylene heavy duty black |
| Net Openings: | 0.75 in wide x 0.75 in 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 – 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 Manufacturer's Certifications (MSMC) for AEC products shall be accessed from www.Curlex.com at all times.

