

# T-RECS

## Turf Reinforcement Mats (HPTRM)

TECHNICAL DATASHEET	G 062 003
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PROPERTY	TEST METHOD	TEST VALUE
<b>PHYSICAL</b>		
Mass/Unit Area <sup>3</sup>	ASTM D-6566	288.2g/m <sup>2</sup>
Thickness	ASTM D-6525	11.47mm
Light Penetration (% Passing)	ASTM D-6567	34%
Colour	Visual	Green or Tan
Resiliency	ASTM D-6524	70%
Flexibility	ASTM D-6575	1.7cm/kg
Roll Sizes	Measured	3.66m x 22.86m - Tan 3.66m x 22.86m - Green
<b>MECHANICAL</b>		
Tensile Strength -MD <sup>3</sup>	ASTM D-6818	44 kN/m
Elongation - MD	ASTM D-6818	41%
Tensile Strength - TD	ASTM D-6818	44 kN/m
Elongation - TD	ASTM D-6818	17%
<b>ENDURANCE</b>		
UV Resistance @ 6000hours	ASTM D-4355	91%
<b>PERFORMANCE</b>		
Vegetated Shear Stress	ASTM D-64601	718 Pa
Vegetated Velocity	ASTM D-64601	7.6 m/s
Manning's "n"	ASTM D-64601	0.028
Germination/Seedling Emergence	ECTC Method 4	636% Improvement

1. Modified test method
2. Results obtained by 3rd Party GAI Accredited Independent Laboratory
3. Minimum average roll value



This product has been manufactured under the controls established by a Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ001832-2

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to changes without prior notice.

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