

T-RECS

Turf Reinforcement Mats (HPTRM)

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| TECHNICAL DATASHEET | G 062 003 |
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| PROPERTY | TEST METHOD | TEST VALUE |
|--------------------------------|---------------|--|
| PHYSICAL | | |
| Mass/Unit Area ³ | ASTM D-6566 | 288.2g/m ² |
| 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 |
| MECHANICAL | | |
| Tensile Strength - MD3 | 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% |
| ENDURANCE | | |
| UV Resistance @ 6000hours | ASTM D-4355 | 91% |
| PERFORMANCE | | |
| 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 Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ 001784-1

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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