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TerraMat™ ECP-2

Turf Reinforcement Mat (TRM)

Erosion Control

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TerraMat™ ECP-2

Material and Performance Specification Sheet

Turf Reinforcement Mat (TRM)

The **TerraMat™ ECP-2** is made with uniformly distributed 100% green polypropylene fiber and two heavy weight polypropylene nets securely sewn together with UV stabilized thread. The tightly compressed blankets are placed inside vented bags and include a product label, code and installation guide. The blankets are palletized for easy transportation.

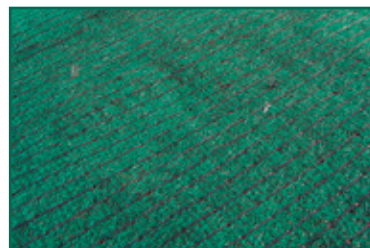
The **TerraMat™ ECP-2** is a permanent turf reinforcement mat and is suitable for slopes 1:1 and high flow channels. The **TerraMat™ ECP-2** meets Type 5.A and 5.B specification requirements established by the Erosion Control Technology Council (ECTC) and Federal Highway Administration's (FHWA) FP-03 Section 713.17.

Netting - Top and Bottom
Heavyweight 5# PMSF UV Stabilized Polypropylene
12mm x 12mm Opening

Matrix
100% Polypropylene Fibre

Thread
UV Stabilized

Roll Sizes: (typ.)
Width: 2.3m
Length: 36.6m
Weight ± 1 0%: 36.7kg



Index Value Properties (*)

Property	Test Method	Typical
Mass/Unit Area	ASTM D6566	352.6 gsm
Thickness	ASTM D6525	11.4 mm
Tensile Strength-MD	ASTM D6818	5.5kN/m
Tensile Strength-TD	ASTM D6818	4.2kN/m
Manning's N		0.024
Density	ASTM D7912	0.92 g/cm ³
UV Resistance	ASTM D4355-1000 hr	82 %

* May differ depending upon raw material variations

Channel Performance Design Values*

Property	Test Method	Value
Unvegetated Shear Stress	ASTM D 6460	100 Pa
Unvegetated Velocity	ASTM D 6460	2.4 m/s
Vegetated Shear Stress	ASTM D 6460	384 Pa
Vegetated Velocity	ASTM D 6460	4.9 m/s

* Large Scale Results obtained by 3rd Party GAI Accredited Independent Laboratory

Consult Polyfabrics Australia Pty Ltd or a certified Engineer for site specific installation instructions.