

EROmasta Seed Mat Turf Reinforcement Mat

Product Images





Short Description

EROmasta™ Seedmat TRM is available in 3 or 5 layers, in 2 x 25m rolls.

Description

EROmasta SeedMat is a synthetic turf reinforcement mat, designed and engineered to protect soil from erosion and provide an environment that encourages rapid vegetative root development. It is a three-dimensional tri-layered mat manufactured from polyethylene. It is constructed using a base of high tensile layers of net bonded to upper layers to form a cuspated surface designed to trap soil particles and seeds.

EROmasta SeedMat creates an immediate and long-term defence against natural erosion due to wind, rain, and flooding. Top soil and seed are applied on top of EROmasta SeedMat. Synthetic erosion mats and blankets have become a practical choice for cost-efficient, immediate and permanent solutions to help stabilisation and control erosion. EROmasta products offer ecologically sensitive substitutes to alternate solutions.

Applications:

- Embankments
- Stormwater Channels
- Easements
- Landscaping

Specifications

Mechanical Properties	Test Method	Units	TRM3	TRM5
Tensile Strength	ASTM D6818	kN/m	2.6	3.5

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Thicknes	ASTM D6525	mm	12.5	23
Mass/Unit Area	ASTM D6566	g/m2	329	447
UV Resistance 5000hrs	ASTM D4355	%	80	90
Resiliency	ASTM D6524	%	80	80
Performance Properties				
Permissible Velocity (Vegetated)	Flume test 1,2	m/s	3.9	6.2
Sheer Stress (Vegetated)	Flume test 1,2	Pa	365	480
Maximum Gradient	-	L:H	1:10.6	1:0.8
Physical Properties				
Material Polymer	-	-	Polyethylene	Polyethylene
Netting Layers	-	-	3	5
Void Ratio	-	%	>85	>90
Colour	Visual	-	Green	Black
Roll width	-	m	2	2
Roll length	-	m	25	25

*Specifications as per ma

Additional Information

CODE	TRM-WP
U.O.M	Each
Brand	GEOmasta
Length	25 m

Product Options

Type:	3 Layers
	5 Layers

