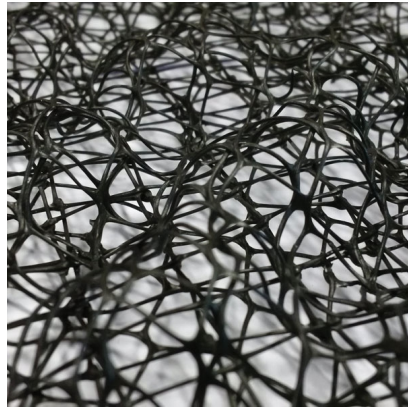


EROmasta SeedMat 3D TRM - 2m x 30m Black

Product Images





Short Description

EROmasta® 3D/3L & 3D/5L is a synthetic turf reinforcement mat, which protects underlying soil from erosion and provides a reinforcing matrix for vegetative root growth.

Description

It is a three or five multi-layered product manufactured from polyethylene. It consists of two high tensile base layers of net bonded between three to five upper layers that form a cusped surface that provides an array of pockets that trap the soil particles and windblown seeds.

EROmasta®3D/3L & 3D/5L when installed gives instant protection against soil erosion caused by wind, rain and flash flooding. Top soil and seed is applied on top of the erosion mat to fill the pockets and allow the grass to grow through the mat. The established vegetation has now a reinforced root system resistant to the forces of erosion. Suitable for slopes up to 1:0.7, with grass or local vegetation surface. Not suitable for use under permanent or seasonal water levels.

Ideal Usage

- Embankments – To control erosion on steep slopes, channels, banks of rivers and lakes
- Landscaping – To stop erosion of soil and mulch on batters and slopes
- Golf Courses – Used in the walls of sand bunkers to stop the erosion of sand

Benefits

EROmasta® 3D/3L & 3D/5L multi layered structure combined with its flat, high modulus base layer, provides the following benefits:

- Good contact with the existing surface
- Tensile strength
- Stiffness and dimensional stability to the soil surface

In addition the upper cusped pockets provide the following benefits:

- Reinforces the root system
- Reduces the impact of raindrops

- Minimise the dislocation of soil particles

Downloadable Resources:

[EROmasta SeedMat 3D TRM - Product Spec Sheet](#)

Applications:

- Embankments
- Landscaping
- Golf Courses
- Erosion Control
- Channels

Specifications

Properties	Unit	TM3	TM5
Tensile Strength (MD)	kN/m	>2.2	>3.4
Layers	-	3	5
Mass	g/m ²	>260	>430
Thickness	mm	>14	>16
Elongation	%	<30	<30
Fibre Thickness	kN/m	0.5	0.5
Colour	%	Black	Black
Carbon Black	m/s	2	2
Raw Material	m	UV Stabilised HDPE	UV Stabilised HDPE
Roll Size	m	2.0 x 30	2.0 x 30
Pinning	m ²	Use 150mm to 300mm U-Pins @ 250mm to 750mm centers or as per drawings. Overlapping rolls pinning is @ 150mm centers.	
Anchoring	-	Use 300mm x 300mm trench or as per drawing. Refer to installation guidelines	
Overlap	mm	50mm to 150mm	

Additional Information

CODE	TRM5-2/30
U.O.M	Roll
Weight	250
Brand	GEOmasta
Colour	Black
Length	30 m
Type	5 Layers
Swatch	no_selection

