



Geo-Coastal Engineering



Description

Combines the benefits of Eromat with additional steel reinforcement. Manufactured from coir/straw fibres with a choice of galvanised or PVC coated hexagonal twist steel wire mesh.

Rockmat provides additional long term support and protection to vulnerable slopes. Superb vegetation establishment is possible due to the Eromat blanket shielding young seedlings and face reinforcement ensures slope face degradation from water runoff or frost heave is prevented.

Rockmat provides a highly effective anti-vermin protection layer where rabbits and foxes etc. are likely to create slope instability due to burrowing.

Uses

- φ Chalk and rock slopes
- φ Temporary cuttings
- φ High energy erosion area
- φ Windy sites



Rockmat



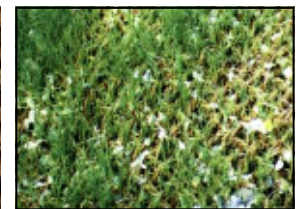
Function	Name	Technical Details			
Natural coir fibre reinforced mat stitched together with a galvanised wire mesh for high wear aggressive erosion situations	Greenfix Rock Mat Type 5	50% Coir fibre/50% Straw/ Hay Fibres 450gm/m ² lower layer stitched together with galvanised wire mesh width 25mm wire dia 0.8mm	Area Width Length Weight Weight	30m ² 1.20m 25m 36kg 1200gm/m ²	
Natural coir fibre reinforced mat stitched together with a galvanised wire mesh for high wear aggressive erosion situations Greater wear factor than Rockmat Type 5 with a longer degradation period	Greenfix Rock Mat Type 6	100% Coir fibre 450gm/m ² lower layer stitched together with galvanised wire mesh width 25mm wire dia 0.8mm	Area Width Length Weight Weight	30m ² 1.20m 25m 36kg 1200gm/m ²	

Description

Embankment Mat provides the erosion benefits of Covamat and Eromat with the strength and durability of the Geocoir net. Manufactured using coir bristle fibres Embankment Mat can withstand more aggressive erosion factors. It is ideal for use on watercourse embankments or for soil reinforcement of footpaths and access tracks.

Embankment Mat can be supplied pre-seeded or un-seeded and is available with either 400 gram or 700 gram coir net.

Embankment Mat



Function	Name	Technical Details					
Natural coir fibre mat reinforced with Geocoir netting for high wear aggressive erosion situations	Greenfix Embankment Mat 400	100% Coir fibre 450gm/m ² lower layer stitched together with a top coirweb 400g/m ² , mesh size 1.2cm x 1.2cm	Area Width Length Weight Weight	25m ² 1.00m 25m 21kg gm/m ²	Area Width Length Weight Weight	60m ² 2.00m 25m 42kg gm/m ²	
As Embankment Mat 400 but with extra reinforcement for even more arduous conditions and longer degradation period	Greenfix Embankment Mat 700	100% Coir fibre 450gm/m ² lower layer stitched together with a top coirweb 700g/m ² , mesh size 1.2cm x 1.2cm	Area Width Length Weight Weight	25m ² 1.00m 25m 29kg 1200gm/m ²	Area Width Length Weight Weight	50m ² 2.00m 25m 58kg 1200gm/m ²	

Vegetation Mat

Sedum Mat



Description

Vegetation Mat is a unique multi-layered soil filled blanket. It allows provision of a soil layer onto clay or rock slopes that have little or no natural soil. Ideal for use on polythene liners to encapsulate soil and promote vegetative growth.

Vegetation Mat can be supplied pre-seeded with grasses or sedums. Manufactured from fleece bottom layer and coir upper layer and stitched together with medium duty polypropylene netting.

Green roofs and terraced areas can be vegetated and enhanced using Vegetation Mat. Vegetation Mat provides lightweight and effective vegetative cover and is quick and simple to install. Available with 10, 20 or 30mm of soil as standard.

Benefits

- φ Quick and simple to install
- φ Soil encapsulated preventing washout and mess
- φ Pre seeded for quick establishment
- φ Heavy duty manufacture prevents erosion and soil loss and

Function	Name	Technical Details				
Provide erosion control and to contain soiling for rockfaces and artificial liners where soil is not present. Also suitable for Greenroof systems	Greenfix Vegetation Mat	10mm of special compost and soil mix. Coir fibre top and bottom layer filter membrane. All 4 sides enclosed and stitched in conjunction with lightweight geogrid reinforcement	Area	5m ²	10m ²	15m ²
			Width	1m	1m	1m
			Length	5m	10m	15m
			Weight	35kg	70kg	105kg
			Weight	7kg/m ²	7kg/m ²	7kg/m ²
		As above with 20mm compost and soil mix	Area	3m ²	5m ²	10m ²
			Width	1m	1m	1m
			Length	3m	5m	10m
			Weight	32kg	53kg	105kg
			Weight	10.5kg/m ²	10.5kg/m ²	10.5kg/m ²
		As above with 30mm compost and soil mix	Area	3m ²	5m ²	7m ²
			Width	1m	1m	1m
			Length	3m	5m	7m
			Weight	42kg	70kg	98kg
			Weight	14kg/m ²	14kg/m ²	14kg/m ²

Function	Name	Technical Details				
For use to cover flat roofs or paved areas	Greenfix Sedum Mat	Live sedum mat	Area		Area	6m ²
			Width		Width	1.00m
			Length		Length	6m
			Weight		Weight	5.5kg
			Weight		Weight	920gm/m ²