



TerraMat®

Reinforced Erosion Control Mat

TerraMat® is a three dimensional anti erosion mat consisting of entangled polypropylene mono filament fibres that are heat bonded to provide a dimensionally stable matrix to control soil erosion.

THE TerraMat® RANGE CONSISTS OF:

- **TerraMat® L.** A lightweight, three dimensional erosion mat with a similar appearance to both sides, designed to provide permanent erosion control of soil and to reinforce the root system of grasses and vegetation for such areas as embankment slopes, river banks, channels, coastal and other erosion prone areas. Can be installed within the soil just below surface or can be placed at the surface and hydro-mulched to act as a protection layer.
- **TerraMat® RL80 PET PVC.** A lightweight, three dimensional erosion geocomposite mat with an added polyester PVC coated geogrid, designed to provide increased slope friction between low friction angle surfaces such as membrane/soil, permanent erosion control and reinforcement. Suitable for reinforcing the root system of grasses and vegetation for such areas as steep embankment slopes, river banks, channels, coastal and other erosion prone areas.
- **TerraMat® RF 80 & RF 80 PVC.** A three dimensional erosion geocomposite mat with an added double twisted steel woven wire or PVC coated mesh, designed to provide increased slope friction between low friction angle surfaces, permanent erosion control and reinforcement. Suitable for rock control reinforcing the root system of grasses and vegetation for such areas as steep embankment slopes, river banks, channels, coastal and other erosion prone areas. A major advantage is that the edges and end of TerraMat RF80 and RF80 PVC can be joined to provide consistent strength in all direction required in steep slopes and high velocity streams.



Consult Polyfabrics Australasia or a certified Engineer for site specific installation instructions. Polyfabrics Australasia reserves the right to change its product specification at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

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you can
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TerraMat® R

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SPECIFICATIONS

Grade refers to fibre Matrix Fibre Matrix Grade*		TerraMat® L	TerraMat® RL PET PVC	TerraMat® RF 80	TerraMat® RF 80 PVC
Application		Permanent Grass Reinforcer	Permanent Grass & Soil Reinforcer	Permanent Grass & Soil Reinforcer	Permanent grass & Soil Reinforcer
Raw Material		UV Stabilised PP	UV Stabilised PP	UV Stabilised PP	UV Stabilised PP
Reinforcement					
Raw Material		-	PVC Coated PET Geogrid	Double twisted zinc coated steel woven wire mesh	Double twisted zinc coated steel woven wire mesh with PVC coating
Properties		-	PET	Zn-Al alloy 5%	Zn-Al alloy 5%
Wire Mesh Size	cm	-	-	8x10	8x10
Thickness	mm	-	-	2.7	2.7/3.7
Plastic Coating Thickness	mm	-	-	-	0.5
Physical & Mechanical Characteristics					
Total Thickness	mm	18	17	18	18
Mass	gr/m ²	290	560	1670	1,970
Void ratio	%	>95	>95	>90	>90
Tensile strength MD	kN/m	2.0	>80	>47	>47
Elongation at max load MD	%	50	12	5	5
Water Velocity	m/s	2-3	3-4	4-6	4-6
Package Dimensions					
Roll width	m	2.0/4.0	3.9	2.0	2.0
Roll length	m	40	25	25	25
Roll Area	m ²	80/160	97.5	50	50
Roll diameter	cm	60	60	120	120

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