

## Greenfix Green Mat 200 3D Erosion Control Matting

### Application and Benefits

Green Mat 200 is a permanent, three-dimensional Turf Reinforcement Mat (TRM). Green Mat 200 provides immediate erosion protection, long term turf reinforcement, and is intended for slope or channel applications requiring erosion protection. Green Mat 200 Erosion Mat has been used to establish vegetation on slopes on many different schemes. Green Mat 200 is UV stable. Fixing Pins will be required to pin the Green Mat 200 to slopes. Quantity of Pins will be dependent on degree and dimensions of slope. Pins can be either 150mm Biostakes or steel fixing pins 4mm dia x 200mm or 300mm long depending on slope angle and soil conditions.

### Product Characteristics

Mechanical Properties	Standard	Performance	Tolerance
Polymer		PP	
Weight	EN ISO 9864	200g/m <sup>2</sup>	
Thickness nominal		20mm	
Tensile strength -MD	EN ISO 10319	0.5kn/m	-0.3kn/m
Tensile strength - CMD		0.3kn/m	-0.2kn/m
Elongation at maximum load - MD		55%	+/- 25%
Elongation at maximum load - CMD		40%	+/- 25%
Density of used polymer		0.91 kg/dm <sup>3</sup>	
Inflammability	DIN 4102		
Structure type		Open	
3-dimensional structure providing free volume		>95%	
Length x width		120m x 1.4m	
Length / diameter of roll		1.4m / 1.2m	
Gross weight		35kg	