

Technical Data Sheet

Green 3D-Mat™ 10



Suitable for all kinds of residential, commercial, and industrial buildings, Enka3D Entangled Mats control the effects of water, air, thermal radiation, and sound. In roofs, sidewalls, foundation walls, and floors, they can reduce energy use, moisture damage, and the need for building maintenance.

Properties geocomposite	Test Method	Unit	Green 3D-Mat™ 10
Polymer			PP
Weight	EN ISO 9864	g/m²	200
Thickness nominal	EN ISO 9863-1	mm	10
Tensile Strength - MD	EN ISO 10319	kN/m	0.7
Tensile Strength - CMD	EN ISO 10319	kN/m	0.5
Elongation at maximum load - MD	EN ISO 10319	%	55
Elongation at maximum load - CMD	EN ISO 10319	%	40
Temperature resistance		°C	n.p.d
Structure Type		0,0	open
3 dimensional structure providing free volume		%	>95
Durability			
Ageing	Good resistance to weathering and radiation		
Chemical Resistance	Resistant to all chemicals in concentrations which are normally contained in the earth and surface water.		
Toxicity	None; approved for use in potable water reservoirs; EnkaMat is inert and not harmful to the environment.		
Rodent damage	No nutritive value; the tangled structure of the mat is unpleasant to burrowing animals and rodents.		
Filling on site	Filling the erosion control product with soil-layer and vegetation seeds according installation manual.		
Dimensions			
		Unit	Green 3D-Mat™ 10
Width x Length		m	1.4 x 150
Length / diameter of roll		m	1.4 x 0.9
Gross weight		kg	43



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This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge becomes available. Since we cannot anticipate all variations in actual end use conditions, Geosynthetics Limited makes no warranties and assumes no liabilities in connection with this information. Nothing in this publication is to be considered as a licence to operate under or a recommendation to infringe any patent right.



01455 617139



Unit 3 Hinckley Park, Avery Way,
Hinckley, Leicestershire, LE10 3FF



www.geosyn.co.uk