



PRODUCT DATA SHEET
GARMAT
FOR EROSION CONTROL MEASURES

Garmat is a composite geomat comprising a layer of bio-degradable mulching material sandwiched between and mechanically bonded to two layers of polymer netting. The product combines the moisture retention and soil enrichment characteristics of the mulch with the tensile strength and durability of the polymer netting.

Property	Specifications	Test Standard
Top and bottom layers of polymer net		
Material and structure	Polymer netting comprising tensile elements of circular cross-section in two orthogonal direction	
Aperture size	25 (± 4) mm x 25 (± 4) mm	
Type of joint	Firm joint	
Tensile strength		
Top Net	≥ 2.0 kN/m (both directions)	ASTM D 5035
Bottom Net	≥ 2.0 kN/m (both directions)	
UV Stability (Min. percent tensile strength retention)	≥ 80 %	ASTM D 4355 (500 Hours Exposure)
Middle layer of bio-degradable mulch		
Material	Coir fibre	
Garmat product		
Mass per unit Area	≥ 250 g/m ²	ASTM D 3776
Thickness	≥ 6.5mm	ASTM D 6525
Dimensions of the Garmat		
Length	15 m	
Width	5 m (minimum)	

Notes:

1. The information given in this data sheet is based on tests conducted at our in-house laboratory.
2. Dimensions can be altered as per site condition and customer requirements.
3. Garware-Wall Ropes Ltd. reserves the right to change the specifications without prior notice.

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