

GardMat[®] LT (Long Term)

GENERAL DESCRIPTION

GardMat[®] LT is a 100% coconut fiber stitched together with biodegradable thread between biodegradable natural fiber top and bottom netting.

BASIC USE

GardMat[®] LT is designed to provide heavy duty wind and water surface erosion protection and assist with vegetation establishment for 18-24 months when installed over Hydrotech's Lite Top[®] growing media as part of the Garden Roof Assembly[®]. GardMat[®] LT is typically used for plugs and/or potted plant vegetation sowing. Disk Anchors are used to fasten GardMat[®] LT to the growing media surface.



ADVANTAGES

- Heavy Duty – used with plugs and or potted vegetation
- Can be used for slopes up to 1:1
- Good for up to 24 months where excellent vegetation coverage is needed before mat degradation

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
WIDTH m (ft)		2.4 (8.0) ± 5%
LENGHT m (ft)		34.1 (112.0) ± 5%
THICKNESS mm (in.)	ASTM D6525	6.0 (0.24)
WEIGHT g/sq. m (oz/sq yd)	ASTM 6475	330 (9.7)
TENSILE STRENGTH MD ² kN/m (lb/ft)	ASTM D6818	3.05 (206.4)
TENSILE STRENGTH TD ³ kN/m (lb/ft)	ASTM D6818	2.10 (145)
ELONGATION MD – (%)	ASTM D6818	15.3
ELONGATION TD – (%)	ASTM D6818	13.0
WATER ABSORPTION (%)	ASTM D1117 / ECTC ¹	365
RESILIENCY (%)	ECTC	85
STIFFNESS / FLEXIBILITY g-cm (oz-in.)	ASTM D1388 / ECTC	7.9 (0.11)
SMOLDER RESISTANCE	ECTC	YES ⁴

NOTES:

1. (ECTC) Erosion Control Technology Council
2. MD = Machine Direction
3. TD = Transverse Direction
4. Material is smolder resistant according to ECTC Guidelines

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)		
Manufacture Location		Poseyville, Indiana
Extraction/Harvesting Location		N/A
VOC Content (g/L)		

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