

GardMat® LT



GENERAL DESCRIPTION

GardMat LT is a 100% coconut fiber matrix 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 LiteTop® growing media as part of Hydrotech's Garden Roof® Assembly. GardMat LT is typically used for plugs and/or potted plant vegetation plantings. Disk Anchors are used to fasten GardMat to LiteTop Growing Media surface.



INSTALLATION

- Refer to Hydrotech's Garden Roof Installation Guidelines for specific installation instructions
- GardMat LT shall be installed as indicated in Hydrotech's Garden Roof Installation Guide
- Used with plugs and/or potted vegetation
- Can be used for slopes up to 1:1 (45°; 100%) maximum
- Good for up to 24 months where excellent vegetation coverage is needed before mat degradation

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
WIDTH (feet)		8 feet wide
LENGTH (feet)		112.5 feet long
ROLL COVERAGE		100 sq. yards (900 SF) per roll
THICKNESS (inches)	ASTM D5199 / ECTC ¹	0.26
WEIGHT (oz/sqyd)	ASTM D5261	8.83
TENSILE STRENGTH (MD ² - lb/ft)	ASTM D5035	342
TENSILE STRENGTH (TD ³ - lb/ft)	ASTM D5035	211
ELONGATION (MD - %)	ASTM D5035	7.6
ELONGATION (TD - %)	ASTM D5035	11.1
WATER ABSORPTION (%)	ASTM D1117 / ECTC	155
RESILIENCY (%)	ECTC	85
STIFFNESS / FLEXIBILITY (oz-in)	ASTM D1388 / ECTC	0.11
SMOLDER RESISTANCE ECTC		YES ⁴

(values published are min. req)

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)	0	
Manufacture Location		Poseyville, IN
Extraction/Harvesting Location		Poseyville, IN Atlanta, GA
VOC Content (g/L)		0

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