

# GardMat<sup>®</sup> LT



A SIKA COMPANY

## 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<sup>®</sup> growing media as part of Hydrotech’s Garden Roof<sup>®</sup> 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 <sup>1</sup>	0.26
WEIGHT (oz/sqyd)	ASTM D5261	8.83
TENSILE STRENGTH (MD <sup>2</sup> - lb/ft)	ASTM D5035	342
TENSILE STRENGTH (TD <sup>3</sup> - 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 <sup>4</sup>

(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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