

Moisture Retention Mat



A SIKA COMPANY

GENERAL DESCRIPTION

Moisture Retention Mat is composed of high-quality, non-deteriorating, polypropylene fibers.

BASIC USE

Moisture Retention Mat is used in the Hydrotech Garden Roof® Assembly to retain moisture for stormwater management.

INSTALLATION

- Moisture Retention Mat (MRM) shall be installed as indicated in Hydrotech’s Garden Roof® Installation Guidelines.



TECHNICAL DATA

THICKNESS:	3/16 in. (≈200 mils)		
SIZE:	7.5 ft. X 100 ft. (2.3m X 30.5m) - in rolls (715 sq.ft. effective coverage)		
WEIGHT:	16 oz./yd ² (542 g/m ²)	0.11 lb./sq.ft. (0.54 kg/sq.m.) - dry; 1.2 lb./sq.ft. (5.9 kg/sq.m.) - wet	
WATER RETENTION CAP:	≈0.13 gal./sq.ft. (5.3 l./sq.m.)		
TENSILE STRENGTH: (ASTM D4632)	380 lb (1.69 kN)	ELONGATION: (ASTM D4632)	50%
TRAPEZOIDAL TEAR: (ASTM D4533)	145 lb/in ² (0.644 kN)	PUNCTURE STRENGTH: 240 lb (1.07 kN) (ASTM D4833)	

LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Athens, GA
Extraction/Harvesting Location		Garyville, LA
VOC Content (g/L)		0

This information is intended only for general conceptual purposes. It is based on data and knowledge considered to be true and correct. It is offered for the user’s consideration, investigation and verification and is not intended to substitute for the advice provided by appropriate professionals. Hydrotech assumes no liability for the use of this information. The determination of the suitability and applicability of this information is the sole responsibility of the user.