

# Moisture Retention Mat



## 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 <sup>2</sup> (542 g/m <sup>2</sup> )	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 <sup>2</sup> (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

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