

Hydrotech® Moisture Retention Mat

formerly known as Moisture Retention Mat



BUILDING TRUST



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 |

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