

Moisture Retention Mat

GENERAL DESCRIPTION

Moisture Retention Mat is composed of high-quality, recycled, non-rotting, polypropylene fibers stitched through a polyethylene sheet carrier.

BASIC USE

The Moisture Retention Mat is used in the Hydrotech Garden Roof® assembly to retain moisture and nutrients for use by the vegetation layer.



INSTALLATION

- Moisture Retention Mat is to be rolled out over the root barrier – or – insulation / air layer.
- Adjacent sheets must be lapped a minimum of 100 mm(4 in).
- It must be installed horizontally only and directly under the retention/ drainage panel.
- As Moisture Retention Mat is installed loose-laid, temporary ballasting may be required prior to the installation of subsequent topping materials

PHYSICAL PROPERTIES

Thickness	5 mm (3/16 in)
Size	2.3 m x 30.5 m – in rolls (7.5 ft X 100 ft)
Weight	38 kg/roll (83 lb/roll) 5.9 kg./sq m(1.2 lb./sq ft)– wet
Water retention capacity	5.3 l/sq m (0.13 gal./sq ft)

LEED INFORMATION

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

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