

GREENSCAPES® GS-232

MOISTURE RETENTION MAT

DESCRIPTION

GS-232 Protection and Retention Mat is a heavy weight, non-woven geotextile composed of recycled fibers designed to retain moisture thereby helping to sustain greenroof plant life. It also serves as a protection layer against garden tools penetrating the root barrier and waterproofing layers.

APPLICATIONS

GS-232 is a storm water retention layer as well as a protection layer for the root barrier. When insulation is installed in the greenroof, an air layer (AQUADRAIN G20) must be added to maintain the thermal properties of the insulation.

INSTALLATION

Install GS-232 Protection and Retention Mat over the root barrier or air layer, overlapping all seams and laps a minimum of 4" (100mm). Allow GS-232 to lay flat at perimeters.

PACKAGING

GS-232 is available in rolls 12' (3.6m) by 60' (18.3 m) 720 sq ft per roll; individually packaged in bags.

PHYSICAL PROPERTIES		
PROPERTY	TEST STANDARD	TYPICAL VALUE
Weight	ASTM D5261	32 oz/yd ² (758 g/m ²)
Weight per sq. ft. dry		0.22 lbs. (99.8 g)
Water Retention Capacity		0.18 gal/ft ² (7.33 l/m ²)
Weight (Saturated) per sq. ft.		1.72 lbs (780.2 g)

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