

Roofscape® Air Mat (0.25")



Prefabricated Entangled Net Composite Drainage Mat

Description

Roofscape® Air Mat is an entangled net prefabricated composite drain 0.25-inches thick, “zig-zag” geometric patterned core, drainage mat with a layer of non-woven geotextile on both front and back of the product. Roofscape® Air Mat has a 3-inch (76.2 mm) fabric flange beyond the core to provide overlaps with adjacent drainage courses.

Coverage

400 sq ft



Uses

Roofscape® Air Mat is designed to eliminate hydrostatic pressure for plazas decks, foundation walls, balconies and planters in both horizontal and vertical applications.

Flow Rates

Soil Depth	Wall Pressure (Max)	Seepage Clay Soil	Seepage Silty Soil	Seepage Sandy Soil	Flow
Feet	Pounds/Kg	Gpm/ft	Gpm/ft	Gpm/ft	Gpm/ft
10	400	1.2 ⁻⁷	0.00012	0.012	12
20	800	2.4 ⁻⁷	0.00024	0.024	7
30	1200	3.6 ⁻⁷	0.00036	0.036	6
40	1600	5.0 ⁻⁷	0.00050	0.050	3

Fabric Properties

Description	Measurement	Test Method
Fabric Color	Charcoal	
Weight	4.0 oz/yd ² NW (136 g/m ² NW)	ASTM D5261
Grab Tensile Strength	100 lbs (445 N)	ASTM D4623
Grab Tensile Elongation	60%	ASTM D4632
Trapezoid Tear Strength	45 lbs (200 N)	ASTM D4533
CBR Puncture Strength	250 lbs (1448 N)	ASTM D6241
AOS	70 U.S Sieve (0.212 mm)	ASTM D4751
Permittivity	1.9 sec (-1)	ASTM D4491
Permeability	0.21 cm/sec	ASTM D4491
Flow Rate	140 gal/min/ft ² (5704 l/min/m ²)	ASTM D4491
UV Resistance (500 hours)	70% strenght retained	ASTM D4355



Packaging

48"x100'
8 rolls per pallet
53 lbs per roll

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