

Technical Information Sheet



SkyScape™ Capillary Mat

Item Description

28 oz Capillary Mat

36 oz Capillary Mat

Description

SkyScape Capillary Mat is a thick geotextile mat made from mechanically consolidated, needle punched, fine-denier, polyester fibers. It offers exceptional water storage capacity, superior to that of many dimpled plastic drainage sheets, and it wicks water vertically. Typically used with sloped systems to aid in water retention.

Method of Application

1. Starting at one corner of the highest part of the roof, unroll SkyScape Capillary Mat. Ends and sides should overlap approximately 2" (51 mm).
2. Cut to remove any leftover material.

Storage

- Deliver and store products in original packaging with Manufacturer's labels and materials list intact and signed off.
- Store Products in designated weather protected areas, elevated from ground, and protected from environmental damage.

Clean-Up

- Gather and dispose all debris upon completion of work.
- Clean all surfaces and inspect final assembly for approval.

LEED® Information

Post-Consumer Recycled Content: 100%

Post Industrial Recycled Content: 0%

Manufacturing Location: Murfreesboro, TN

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties			
Property	SkyScope Drainage Panel		Test Method
	28 oz	36 oz	
Roll Dimensions	6' x 50' (1.8 m x 15.2 m)	6' x 33' (1.8 m x 10.1 m)	---
Roll Area	300 ft ² (27.9 m ²)	200 ft ² (18.6 m ²)	---
Roll Weight	60 lb (27 kg)	45 lb (20 kg)	---
Dry Weight	28 oz/yd ² (949 g/m ²)	36 oz/yd ² (1,221 g/m ²)	ASTM D5261
Thickness	3/16" (4.8 mm)	5/16" (7.9 mm)	ASTM D5729
Water Retention	0.1 gal/ft ² (4 L/m ²)	1.8 gal/ft ² (73 L/m ²)	ASTM E2398
Saturated Density	1.1 lb/ft ² (5.4 kg/m ²)	1.7 lb/ft ² (8.3 kg/m ²)	ASTM E2398
Capillary Rise (after 24 hours)	6.5" (165 mm)	2.5" (64 mm)	---
Static Puncture CBR	1120 lb (508 kg)	1530 lb (694 kg)	ASTM D6241
Pin Puncture	280 lb (127 kg)	310 lb (141 kg)	ASTM D4833
Elongation	50%	50%	ASTM D4632
Grab Tensile	560 lb (254 kg)	450 lb (204 kg)	ASTM D4632
Trapezoidal Tear	200 lb (91 kg)	210 lb (95 kg)	ASTM D4533

Please contact Holcim Technical Services at 800-428-4511 for further information.

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