

# Technical Information Sheet



## SkyScape™ Drainage Panel

### Item Description

0.5" (12.7 mm) Drainage Panel

1.0" (25.4 mm) Drainage Panel

## Description

SkyScape Drainage Panel is engineered to provide the balance of water retention and air movement necessary for extensive [less than 4" (102 mm) growing media depth], semi-intensive [4" – 6" (102 – 152 mm) media], and intensive [ $\geq$  8" (203 mm) media] vegetative roof systems to thrive. This high-flow dimpled drain board comes in a single roll, with SkyScape Filter Fabric bonded to the top, and a non-woven geotextile bonded to the underside. The two fabrics both extend beyond the edges of the drain board. The material is made from 100% recycled high density polypropylene.

## Method of Application

1. Unroll panel, ensuring top side - open end of cups - faces up.
2. The selvedge edge of both the top and underside fabrics should overlap at panel sides.
3. Cut a 6" wide x 4' long (152 mm x 1.2 m) piece of SkyScape Filter Fabric to lie over panel ends; center fabric over butted panels.
4. Cut panels to allow for hold-back space around deck penetrations, drains, etc. Always hold back the vegetative roof at least 2' (0.6 m) from these areas. Held-back space may be filled in with ballast rock, decorative stone, or pavers.
5. Cut SkyScape Filter Fabric to bring up the sides at all edges of the vegetative roof system. Fabric should overlap top fabric of Drainage Panel minimum 2" (51 mm) and extend minimum 1" (25.4 mm) above the intended top of the growing media.

## 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.

### Coverage Rate

200 ft<sup>2</sup> (18.6 m<sup>2</sup>) per roll

### 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

SkyScape Drainage Panel		
Item Description	Photo	Features
0.5" (12.7 mm) Drainage Panel		Extensive systems only 3" to 6" (76 to 152 mm) media depth
1" (25.4 mm) Drainage Panel		<ul style="list-style-type: none"> <li>• Extensive Systems 3" to 6" (76 to 152 mm) media depth</li> <li>• Semi-Intensive Systems 6" to 8" (152 to 203 mm) media depth</li> <li>• Intensive Systems &gt; 8" (203 mm) media depth</li> </ul>

Typical Properties- SkyScape Drainage Panel		
Property	0.5" (12.7 mm)	1" (25.4 mm)
Roll Dimensions	4' x 50' (1.2 m x 15.2 m)	4' x 50' (1.2 m x 15.2 m)
Dry Weight	50 lb (22.7 kg)	50 lb (22.7 kg)
Compressive Strength	15,000 lb/ft <sup>2</sup> (73,236 kg/m <sup>2</sup> )	11,000 lb/ft <sup>2</sup> (53,706 kg/m <sup>2</sup> )
Trapezoidal Tear	20 lb/ft (30 kg/m)	20 lb/ft (30 kg/m)
Grab Strength	70 lb/ft (104 kg/m)	70 lb/ft (104 kg/m)
Flow Rate (Core)	21 gpm/ft <sup>2</sup> (840 Lpm/m <sup>2</sup> )	37 gpm/ft <sup>2</sup> (1,480 Lpm/m <sup>2</sup> )
Flow Rate (Fabric)	250 gpm/ft <sup>2</sup> (10,000 Lpm/m <sup>2</sup> )	250 gpm/ft <sup>2</sup> (10,000 Lpm/m <sup>2</sup> )
Water Capacity	0.042 gal/ft <sup>2</sup> (1.7 L/ m <sup>2</sup> )	.1005 gal/ft <sup>2</sup> (4.1 L/ m <sup>2</sup> )

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

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