

# Technical Information Sheet



## SkyScape™ Stormwater Max Growing Media

Item Description
Stormwater Growing Medium

### Description

SkyScape Stormwater Max Growing Media is an engineered, lightweight, soil-less mix of organic and inorganic components specifically designed to maximize the benefits of retaining and remediating storm water run-off. This medium has also been designed to support a wide variety of vegetation while maximizing the functionality of the vegetative roof system to offset the storm water footprint of the building.

### Method of Application

1. SkyScape Stormwater Max Growing Media is typically delivered in 2 cubic yard (1.5 m<sup>3</sup>) super sacks. The medium may also be delivered in bulk and blown to the roof by blower trucks; application by blower truck may be requested through Holcim Estimating Services at the time of project quotation.
2. Install all SkyScape Drainage, Edging, and all other related components according to the design and to their application instructions.
3. Hoist super sacks to the roof and bring them to a hover within 3-5 vertical feet over the installation zone.
4. Cut the bottom of the sack using a box cutter and allow the media to deposit on the drainage materials.
5. Evenly spread the medium to the desired depth by lightly raking the media across vegetative roof area.
6. Dampen the media with a fine mist of water.
7. Install vegetation according to the design.

### 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 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.

## Precautions

Wash hands, arms, and any exposed skin thoroughly after installation.

## LEED® Information

Post-Consumer Recycled Content: 0%  
 Post Industrial Recycled Content: 0%  
 Manufacturing Location: Varies with regional location of project.

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

Typical Properties		
Property	Value	ASTM
Pore Volume	> 60%	---
Air Filled Porosity	> 10%	---
Saturated Hydraulic Conductivity	> 15 inches per hour (381 mm/hr)	---
Water Holding Capacity	> 60%	E2399
Dry Weight	30 – 38 lb/ft <sup>3</sup> (481 – 609 kg/m <sup>3</sup> )	E2399
Maximum Media Density at Saturation	68 – 71 lb/ft <sup>3</sup> (1,089 – 1,137 609 kg/m <sup>3</sup> )	---
Medium Retention Value	0.49	---
pH	6.0 – 7.5	---
EC	< 1.75	---

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

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