

Technical Information Sheet



SkyScape™ Sedum Mats

Item Description
Sedum Mats

Description

SkyScape sedum mats are grown on an artificial fiber carrier and within an engineered substrate vegetated with a variety of succulent groundcover species grown to at least 95% coverage upon delivery. The standard plant mix consists of 9 to 16 species of Sedum. The Sedum Mat mix is composed of proven succulent species designed to sustain year after year. The mix is composed of semi-evergreen, shallow rooting species (representing about 30-50% of the mix) and deep rooting, broadleaf, deciduous species (representing 50-70% of the mix). Careful selection coupled with proven propagation methodologies creates a sustainable vegetative solution for your green roof project. Lastly, SkyScape Sedum Mats are produced in accordance with FFL guidelines.

Method of Application

1. Following installation of the desired SkyScape Drainage Panel for the project, and installation of SkyScape Growing media at the appropriate depth, thoroughly wet the growing media with fine mist clean water free of debris, chemicals, etc.
2. Dependent on the design and roof layout, it may be best to start in one corner of the vegetative roof area, roll Sedum Mats out over the growing media, and abut seams tightly. Continue laying out mats and be sure to stagger seams throughout. Mats can be cut with a pair of large shears to fit around roof penetrations and protrusions.
3. Thoroughly irrigate Sedum Mats as you install per the recommendations found in the SkyScape Maintenance Guide; in dry climates and/or during extended drought-like conditions, more frequent irrigating may be necessary.

Storage

- All Sedum Mats should be installed on the day they are delivered. If mats must be stored overnight, they should be unstacked from their pallets and unrolled in a cool, shaded area, lightly watered, and installed the next morning.
- Deliver and store products in original packaging with manufacturer’s label and material list intact and signed off.
- Store products in designated weather protected areas, elevated from ground, and protected from environmental damage.

Coverage Rate

25 ft² (2.3 m²) per 4' x 6.25' (1.2 m x 1.9 m) mat

Clean-Up

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

Precautions

Optimal installation windows for the SkyScape Sedum Mats are when ambient daytime temperatures are above 45 °F (7 °C) and below 85 °F (30 °C). If an installation must commence outside of this temperature window, please contact Holcim for additional installation recommendations.

LEED® Information

Post-Consumer Recycled Content:	0%
Post Industrial Recycled Content:	0%
Manufacturing Location:	Culpeper, VA

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

Typical Properties	
Property	Value
Plant Coverage When Shipped	Minimum 85%
Weight Dry	Approximately 3 to 4 lb/ft ² (14.6 – 19.5 kg/m ²)
Weight Saturated	Approximately 4.5 to 5 lb/ft ² (22 – 24.4 kg/m ²)
Thickness	0.50" to 0.75" (13 – 19 mm)
Area	25 ft ² (2.3 m ²)
Width of Roll	48" (1.2 m)
Length of Roll	75" (1.9 m)

Packaging	
Property	Value
Rolls per Pallet	16
Pallet Dimensions	Width: 48" (1.2 m) Length: 48" (1.2 m) Height: 40" (1 m)
Approx. Pallet Weight (Dry)	1800 lb (816 kg)
Approx. Pallet Weight (Saturated)	2050 lb (930 kg)
Truck Loads	53' (16 m) Flatbed: 22 pallets, 8800 ft ² (817.5 m ²) Refrigerated & Dry box: 24 pallets, 9000 ft ² (836.1 m ²)

SkyScape Standard Sedum Mix Species List

Variety	Common Name	Sun Exposure	Flower Color	Foliage Color	Blooming Time	Height	Spread	Growth Rate	Ever-green	USDA Hardiness Zone
<i>Phedimus</i> (aka <i>Sedum</i>) <i>kamtschaticum</i>	Russian Stonecrop	Full Sun or Partial Shade	Yellow	Deep Green	Early to Mid-Summer	5"-7" (127-178 mm)	12"-23" (305-584 mm)	Medium	No	2 to 9
<i>Phedimus</i> (aka <i>Sedum</i>) <i>kamtschaticum</i> 'Vegiegatum'	Russian Stonecrop	Full Sun or Partial Shade	Orange Yellow	Deep Green Variegated White	Early to Late Summer	6"-8" (152-208 mm)	12"-23" (305-584 mm)	Medium	No	2 to 9
<i>Phedimus</i> (aka <i>Sedum</i>) <i>spurium</i> 'Fuldaglut'	Blaze of Fulda Stonecrop	Full Sun or Partial Shade	Red	Bronze Red	Mid to Late Summer	2"-4" (51-102 mm)	10"-12" (254-305 mm)	Medium	No	2 to 9
<i>Phedimus</i> (aka <i>Sedum</i>) <i>spurium</i> 'John Creech'	John Creech Stonecrop	Full Sun or Partial Shade	Deep Pink	Deep Green	Mid to Late Summer	2"-4" (51-102 mm)	10"-12" (254-305 mm)	Medium	Yes (mild winter regions)	2 to 9
<i>Phedimus</i> (aka <i>Sedum</i>) <i>spurium</i> 'Red Carpet'	Stonecrop Two-Row	Full Sun	Red Shades	Red and Green Shades	Late Summer	3"-4" (76-102 mm)	12"-15" (305-381 mm)	Slow	Yes	3 to 9
<i>Phedimus</i> <i>takesimensis</i> 'Golden Carpet'	Golden Carpet Stonecrop	Full Sun	Yellow	Deep Green	Early Spring to Late Summer	6"-8" (152-208 mm)	12"-18" (305-457 mm)	Fast	Semi	4 to 9
<i>Sedum acre</i> 'Aureum'	Golden Stonecrop	Full Sun to Light Shade	Yellow	Light Green Variegate of Yellow	Early to Mid-Summer	2"-3" (51-76 mm)	12"-23" (305-584 mm)	Fast	Yes	2 to 9
<i>Sedum acre</i> 'Goldmoss'	Goldmoss Sedum	Full Sun to Partial Shade	Yellow	Light Green	Spring and Summer	2"-3" (51-76 mm)	10"-12" (254-305 mm)	Medium	Yes	3 to 9
<i>Sedum album</i> 'Coral Carpet'	Coral Carpet Stonecrop	Full Sun or Partial Shade	White	Deep Green (red in winter)	Early to Mid-Summer	1"-3" (25-76 mm)	10"-12" (254-305 mm)	Medium	Yes (red in winter)	2 to 9
<i>Sedum album</i> 'Murale'	Murale White Stonecrop	Full Sun or Partial Shade	Light Pink	Bronze to Deep Green	Early to Mid-Summer	2"-4" (51-102 mm)	10"-12" (254-305 mm)	Fast	Yes (red in winter)	2 to 9
<i>Sedum floriferum</i> 'Weihenstephaner Gold'	Orange Stonecrop	Full Sun	Yellow	Green	Late Spring to Early Summer	4"-6" (102-152 mm)	12"-18" (305-457 mm)	Medium	Semi	3 to 9
<i>Sedum reflexum</i> 'Blue Spruce'	Blue Spruce Stonecrop	Full Sun	Yellow	Blueish Green	Early to Late Summer	6"-8" (152-208 mm)	12"-23" (305-584 mm)	Fast	Yes	2 to 9
<i>Sedum repestree</i> 'Angelina'	Angelina Stonecrop	Full Sun or Partial Shade	Yellow	Golden Yellow	Early to Late Summer	4"-6" (102-152 mm)	12"-23" (305-584 mm)	Fast	Yes (amber in winter)	3 to 9
<i>Sedum sexangulare</i>	Six-Sided Stonecrop	Full Sun or Partial Shade	Yellow	Light Green	Early to Late Summer	3"-4" (76-102 mm)	12"-23" (305-584 mm)	Fast	Yes (bronze in winter)	2 to 9
<i>Sedum stefco</i>	Stonecrop	Full Sun	White Blushed	Gray-Green and Pinkish Red	Late Summer	1"-3" (25-76 mm)	12"-23" (305-584 mm)	Fast	Yes (scarlet, purple in winter)	3 to 8
<i>Sedum x Immergrunchen</i>	Stonecrop	Full Sun to Light Shade	Yellow	Green	Mid to Late Summer	5"-6" (127-152 mm)	10"-12" (254-305 mm)	Fast	Yes (orange/bronze)	4 to 9



Sedum Mats at nursery being prepared to be rolled.



Rolled Sedum Mats at the nursery



Palletized Sedum Mats being prepared for shipment



Rolled Sedum Mats being staged at the jobsite.



Sedum Mats being installed at the jobsite.



Finished project.

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

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