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ROOF GARDEN

Vegetated Sedum Mats (SM)



Overview

Carlisle's Vegetated Sedum Mats are a quick and cost-effective method of obtaining instant vegetative coverage on your building's Roof Garden. Applied in a similar manner to sod, Carlisle's Vegetated Sedum Mats are simply rolled over the prepared growth media, providing an easy, no-hassle installation.

Features and Benefits

- » Instantaneous vegetative coverage
- » No waiting for plants to "grow in"
- » Greatly reduced plant maintenance
- » Easy and cost-effective installation
- » Provides soil stabilization (great for sloped or high wind applications)
- » Large mat speeds up installation

Size and Coverage Rate

- » 2 square meters per mat (21.5 ft²)
- » 1m wide by 2m long (3.28' x 6.56')
- » 29.29 to 39 kg/m² (6-8 lbs/ft²) fully saturated
- » Approximately 49 kg (108 lbs.) per roll, as delivered
- » Minimum 85% vegetative coverage

Precautions

- » Mats must be installed within 36 hours of arrival on the job site to avoid spoiling.
- » Store pallets in a shady location prior to installation to avoid drying out

Installation

The rolls of Carlisle's Vegetated Sedum Mats are hoisted to the rooftop and unrolled over a minimum 2.5" of Carlisle's pre-moistened Growth Media. The rolls are placed adjacent to each other with no overlap. Mats can be cut to fit using a utility knife or heavy duty shears. Once installed, the Roof Garden shall be irrigated until fully saturated.

Review Carlisle's Traditional Roof Garden specification and details for complete installation and maintenance information.

Plants

Carlisle's Vegetated Sedum Mats are pregrown with 17 different varieties of sedums to ensure diversity and successful adaptation in most climate zones. Below are some of the more prevalent sedum varieties used:

- » Sedum Acre "Oktoberfest"
- » Sedum Album
- » Sedum Ellacombianum
- » Sedum Floriferum "Weihenstephaner Gold"
- » Sedum Reflexum "Blue Spruce"
- » Sedum Sexangular
- » Sedum Spurium "Dragons Blood"

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Princeton, ON
Solar Reflectance Index (SRI)	N/A