

ROOF GARDEN

Growth Media



Scan code to view
installation video.



Overview

Carlisle's Growth Media is a blend of carefully selected materials optimized for rooftop environments. Designed to be lightweight, Carlisle's Growth Media uses porous materials designed to retain maximum amounts of water while simultaneously promoting drainage. Carlisle's Growth Media is industry proven to maintain long-term performance and healthy plant growth for Roof Garden applications.

Features and Benefits

- » Regional blending facilities
- » Extensive, Semi-Intensive, Intensive and Agricultural blends available
- » Project-specific and specialty blends available
- » Blended to strict FLL-compliant guidelines
- » Available for Super Sack® or bulk delivery
- » High water holding capacity for maximum stormwater retention
- » Retains volume and will not compact over time

Installation

Carlisle's Growth Media is installed directly over a Carlisle approved drainage system. If Growth Media was supplied in Super Sacks, begin by hoisting the sacks to the roof via crane. Carefully lower the sacks to about 2' to 4' above the drainage system. Untie the bottom of the Super Sack or slit the bottom of the sack with a knife to dispense the growth media directly over the drainage system or into wheelbarrows for transport to hard-to-access areas. Rake or shovel the media to get a consistent depth slightly greater than the designed depth. Compact the installed media to the designed depth by rolling with a 250-pound

lawn roller. Repeat process until the designed depth is reached. As an alternative to Super Sacks, Carlisle's Growth Media can be delivered to the jobsite in bulk. If bulk media is used, a third-party company may be contracted to pneumatically blow the media onto the roof.

Precautions

- » Do not stage Super Sacks directly on the roof. The weight of the Super Sacks may overload the structural capacity of the building.
- » Care must be taken during windy conditions to limit wind erosion of the media.
- » If not used on the day of arrival, Carlisle's Growth Media should be stored under a tarp or other cover to prevent direct exposure to sunlight and moisture.

Typical Properties & Characteristics

Carlisle's Growth Media properties and characteristics vary depending on blending location and media type. Contact Carlisle for test data specific to your project.

LEED® Information

Pre-consumer Recycled Content	Approx. 25%*
Post-consumer Recycled Content	Approx. 15-50%*
Manufacturing Location	Contact Carlisle for local blending location

*Information is approximate. For exact percentages and blending location based on project location, please contact Carlisle.

Packaging

Super Sacks			
Volume	Footprint Dimensions	Bag Dimensions	Weight
2 cubic yards*	40" x 48" Pallet**	35.5" (w) x 35.5" (l) x 60" (h)***	3000 pounds max****

*New England states have smaller 1.5 cubic yard sacks. Canada uses 1 cubic yard sacks.
 **All Super Sacks are palletized for shipping. Super Sack may bulge beyond pallet footprint.
 ***1 and 1.5 cubic yard sacks are shorter in height.
 ****Weights vary depending on media blend and super sack size.