

ROOF GARDEN

CGT Pre-Grown Trays



Overview

Pre-grown trays are easy to install and feature interlocking edges that prevent shifting or migration of growth media onto the roof membrane. At 4.625" deep, pre-grown trays are appropriate for extensive and semi-intensive Roof Garden systems. The modules are shipped to the jobsite with approximately 90%+ vegetation coverage.

Features and Benefits

- » Plants are custom-grown per project specifications
- » Heavy-duty recycled polypropylene trays feature a channelized bottom to maximize stormwater retention
- » Fire rating approval under FM Standard 4477
- » Declare label available for simple materials transparency documentation

Installation

1. Prior to installation, it is critical to determine whether the structure is adequately reinforced to withstand the added weight of fully saturated vegetative trays. This decision should be made in conjunction with a registered structural engineer.
2. Perform tray installation only after a representative from the roofing membrane manufacturer has inspected the membrane and found it to be in accordance with manufacturer's specifications.
3. Place the vegetative trays directly on the roofing membrane or protective layer, as determined by the membrane manufacturer.

4. Using the interlocking sides, overlap the trays.
5. After all trays have been installed, sufficiently irrigate plant material to ensure growth.

Review Carlisle specifications and details for complete installation information.

Typical Properties and Characteristics

Property	Value
Width (ft)	2
Length (ft)	2
Height (in)	4.625
Growth Media Depth (in)	4.625
Empty Tray Thickness (MIL)	100
Maximum Saturated Weight *	28 lbs/ft ²
Retained Water (in)	1.54

* System weight and stormwater retention characteristics vary due to regional variances in growing media composition. Contact your local representative for more information.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	88%
Manufacturing Location	Washougal, WA 98671
Solar Reflectance Index	N/A

Packaging

Standard Tray	Coverage	Weight for Handling Purposes
24" x 24" x 4.625"	4 ft ²	+/- 80lbs each