



Greenroof-Roofscapes® Pre-Grown Trays

DESCRIPTION

The Greenroof-Roofscapes® Pre-Grown Tray System provides a turnkey solution that meets or exceeds all guidelines for Green Roofs. The trays are easy to install and feature interlocking edges which prevent shifting or migration of growing media onto the roof membrane. At 24" x 24" x 4.625" deep, the pre-grown tray is appropriate for extensive and semi-intensive vegetative roof profiles. The modules are pre-grown with plants (most commonly sedum) selected by the project designer and shipped to the job site with approximately 90% or more vegetation coverage.

Comprised of a heavy duty recycled polypropylene, the Greenroof-Roofscapes® Pre-Grown Tray is designed with a channelized bottom to maximize stormwater retention. It can reduce both the amount and rate of stormwater run-off and is capable of retaining up to 70% of annual precipitation. Detailed stormwater retention calculations and hydrographs are available upon request.

PLANTING OPTIONS

Plants are grown per the project specifications, provided they are appropriate for the local climate zone and sufficient lead time has been provided. Please contact Barrett for more information.



LEED INFORMATION

Post-Consumer Recycled Content: 88%

Manufacturing Location: Washougal, WA 98671

WIND UPLIFT

- ANSI/SPRI RP-14 Wind Design Standard for Vegetative Roof Systems is the only Wind Uplift standard for the United States.
- Due to the interlocking design, The Planted-In-Place Tray is considered a #2 Ballast system (Increased wind uplift resistance).
- Please request a copy of the ANSI/SPRI RP-14 User Guide.

Declare Labels for Material Transparency:

The Declare Label is a voluntary disclosure of building material ingredients which offers Living Building Challenge and other project teams concerned about building product ingredients a guide for product specification. We are pleased to announce that our tray system is 'Red List Free' which means it doesn't contain "worst in class" materials, chemicals, and elements known to pose serious risks to human health and the greater ecosystem.



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INSTALLATION

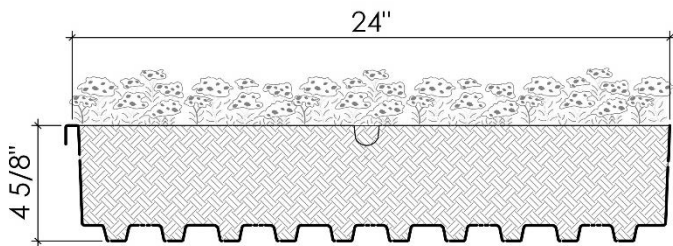
Prior to installation, it is the Project Representative's responsibility to consult with a registered structural engineer to determine whether the structure is adequately reinforced to withstand the weight of a fully saturated vegetative tray.

Perform tray installation only after a Barrett technical representative has inspected the membrane and found it to be in accordance with project specifications.

Place the vegetative trays directly on the roofing membrane or protective layer as determined by the project specifications. Using the interlocking sides, overlap the vegetative trays. After all trays have been installed, irrigate plant material to ensure growth.

STORAGE

Upon delivery, move plants out of direct sun to a cool location and remove cellophane wrapping. Trays may be left unstacked for a maximum of 12 hours, provided they are kept in the shade. Water 2-3 times per week until the trays are installed on the roof. Store away from sources of ignition and extremely high temperatures.



WEIGHT	PROPERTIES	MEASUREMENT
	System Depth	4.625" Media Depth
	Dry Weight	15 - 20 lbs/sq ft
	Saturated Weight	25 - 30 lbs/sq ft

NOTE: System weights vary by region due to variances in growing media weight. Contact your local representatives for more information.

*Includes 2 lbs/sq ft (cuttings) for plant material weight.

TRAY SIZE	PROPERTIES	MEASUREMENT
	Thickness	100 mil
	Dimension	24" x 24" x 4.625"
	Coverage	4 sq ft
	Weight	3.6 lbs
Packaging	400 trays/pallet (stacked)	

NOTE: Above properties are for a standard empty tray. Typical weights of Pre-Vegetated Tray (for handling purposes only) will be ±100 lbs each.

PRECAUTIONS

- Confirm with a certified Structural Engineer that the structure can support the saturated weight of the vegetative roof system.
- To facilitate drainage a minimum roof slope of 1/8" in 12" min. must be provided.
- System components should not be installed when the weather is below 45 °F (7.2 °C) or above 95 °F (35 °C).
- Do not drag modules into position.
- Use caution when lifting trays.
- Check roof drains regularly to ensure there are no obstructions to impede water flow.
- Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.
- Wear impermeable protective clothing, eye wear and self-contained breathing apparatus when cutting trays.

DOCUMENT: KF-07011 - 1



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