



# READY-TO-INSTALL TRAYS

## OVERVIEW

The Ready-to-Install Tray System is a modular extensive green-roof assembly manufactured from recycled polypropylene. Each 12"×24" tray accommodates approximately 4" of engineered growing media and features molded drainage channels and ventilation pathways to promote long-term plant health and roof protection.

The Ready-to-Install Trays are designed for straightforward installation. The integrated slip-connector increases frictional engagement between adjoining trays and is intended to help limit movement under wind exposure. The interlocking geometry further supports module alignment and contributes to overall system stability when installed in accordance with the manufacturer's installation guidelines and technical drawings.

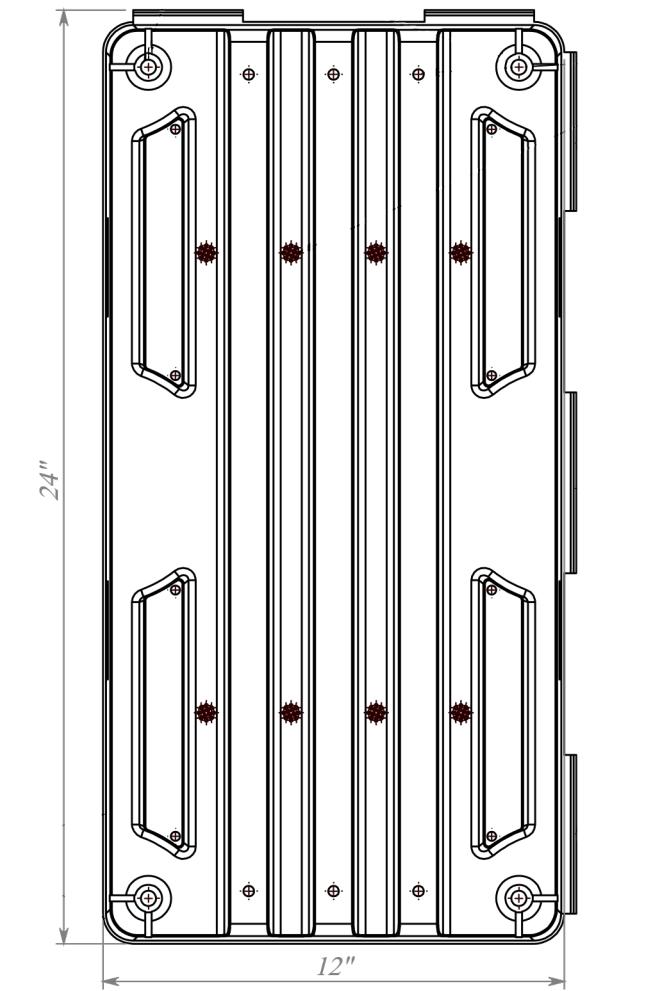


For technical information, availability,  
or custom vegetation options, please contact: (516) 774-1808

## SYSTEM DETAILS

### READY-TO-INSTALL TRAY

**EG-T1**



### SLIDING CONNECTOR CLIP

**EG-L1**

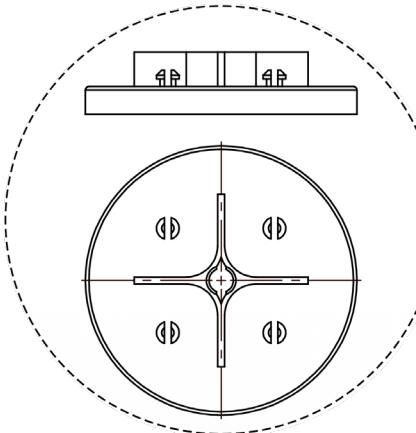
A sliding connector clip spans the adjoining tray edges and aligns within the molded guide ribs. The clip may be positioned laterally and is mechanically fastened to the trays to stabilize adjacent modules.



### MOLDED ALIGNMENT BASE

**EG-F1**

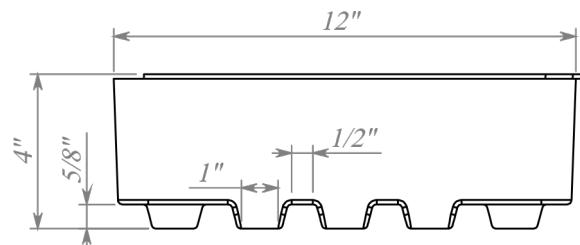
A molded alignment base rests on the roof surface and includes four vertical locating pins. The tray seats onto these pins with a light snap engagement that maintains consistent positioning. The base is not fastened to the substrate and does not function as a structural connection.



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## Technical Specifications

Ready-To-Install Tray	
Material	100% recycled polypropylene
Tray dimensions	24 in × 12 in × 4 in
Coverage	2 ft <sup>2</sup>
Media & plant dry weight	16–20 lb/ft <sup>2</sup>
Media & plant saturated weight	27–31 lb/ft <sup>2</sup>
Vegetation coverage at delivery	≥ 90%
Grown media depth	~ 4 in
Ready-to-install tray weight	± 65 lb/unit

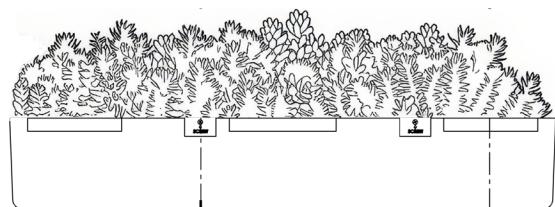


## SEDUM MIX VEGETATION

Sedum mix trays shall be supplied by Tile & Turf to meet warranty requirements.

Trays shall arrive pre-vegetated with a minimum 90% plant coverage at the time of delivery, or as otherwise indicated in the planting plan.

- Sedum spurium assorted Red (up to 4)
- Sedum spurium 'John Creech'
- Sedum kamtschaticum
- Sedum floriferum 'Weiherstephaner Gold'
- Sedum x Immergrunchen
- Sedum acre
- Sedum album (assorted)
- Sedum sexangulare



## ENGINEERED GROWING MEDIA

Engineered growing media suitable for sedum-based extensive green roof systems shall be provided by Tile and Turf to maintain warranty eligibility. Media shall be evenly placed, level, and lightly compacted within each tray.

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# READY-TO-INSTALL TRAYS



Installation without EG-F1



Installation with EG-F1

## STORAGE

- After delivery, place the trays in a shaded, cool area and remove any wrapping to allow ventilation.
- If stacking is necessary, keep the trays unstacked or limit stacking time to short periods and ensure they remain protected from direct sun.
- Keep stored materials away from open flames, heat sources, or other high-temperature environments.
- Water the plants several times per week until installation to maintain healthy growth.

## SAFETY AND HANDLING

- Verify with a qualified structural engineer that the roof or structure can safely bear the full saturated load of the system.
- Avoid installation during extreme temperatures, specifically below 45°F (7°C) or above 95°F (35°C).
- Maintain a minimum roof pitch of 1/8 inch per foot to ensure proper drainage.
- Lift trays carefully instead of dragging them to prevent damage to the components or roof surface.
- Inspect roof drains frequently to confirm unobstructed water flow.
- When cutting or modifying trays, wear suitable protective gear including gloves, eye protection, and respiratory protection.
- Rinse hands and exposed skin before eating, drinking, or smoking, and after completing work.

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