



ROOFTOP GREEN, LLC

Watering Guidelines — Standard and Basic Species Mixes

Congratulations on your purchase of the newest modular green roof tray system on the market! Rooftop Green is happy to walk you through the first few months of care and maintenance to ensure a stable and healthy green roof.

Be sure to check us out at <https://www.growrooftopgreen.com> for more information and helpful resources.

Watering Basics

It is important to remember, no green roof system can live without water. Modular tray systems need water during extended periods of dry weather, and at extremely high temperatures. It is possible to go an entire season without watering Rooftop Green modules, but this is not the norm.

After successfully installing the tray system, be sure to soak the trays until full saturation is acquired: that is, water until drainage is visible. Be sure to soak the tray evenly. Trays can be stepped on during this period, but extra precaution should be taken, since the surfaces will be uneven and loose.

Be sure to contact a certified GRP (Green Roof Professional) or Rooftop Green, LLC for project specific questions. Some projects will require additional maintenance due to location and season of install, others will require less.

Watering During Germination Stage

This is the most crucial maintenance stage of Rooftop Green, LLC's modular tray systems. Germination for small species can be difficult in a rooftop environment. Appropriate watering techniques include overhead sprinkler systems connected to your standard pressure exterior spigot, overhead drip-tape irrigation, and many low pressure (20-90psi) handheld watering methods.

- **Week One (Days 1-7)** – Seed needs to be in a nearly constant state of moisture. Daily watering for the first week immediately following the install of the Rooftop Green system is required for successful establishment. Be sure to wet the entire top of the trays and saturate at least the top two inches of media.
- **Week Two (Days 8-14)** – Taper watering events to once every other day. Continue to saturate the first 1 to 2 inches of the tray. Continue to water daily on trays located on 20 degree slopes or steeper.
- **Week Three (Days 15-21)** – Water trays three times a week. Starting in the third week, trays should be completely saturated during watering events. For trays that have not started to show vegetation at this point, water more often (return to week 1's water schedule).
- **Weeks Four through Eight** – Watering events can be reduced to once every four days. Water as needed if high temperature or drought conditions occur. Continue to water trays that demonstrate small growth and less germination more often.
- **Spot Irrigation** – Watering should take place during drought and extreme heat conditions to maintain healthy vegetation with desirable performance and aesthetic characteristics. No green roof, no matter how old, is exempt from this general rule.