

## K. HYDROPACK® MAINTENANCE

**H**YDROPACK® can be purchased with a limited plant warranty. To qualify for this warranty, the building owner and or its agents must contract a maintenance program following the requirements of this maintenance guide. The building owner or its agents, including but not limited to the installer, and the maintenance contractor must follow the maintenance guide closely and provide to [Vegetal i.D.](#) photographs and reports when visiting the green roof, following vegetal i.D.'s requirements.

HYDROPACK® needs little maintenance; however, maintenance is very important, and the success of your green roof will depend on it.

### TOOLS NEEDED

- 🌱 Bucket
- 🌱 Knife, gloves, small shovel
- 🌱 Hand spreader (we recommend the 3100 Professional Hand Crank Spreader from Earthway)
- 🌱 Slow release fertilizer – organic or inorganic.
- 🌱 Irrigation supply



### ACTIONS

- 🌱 The first visits should occur weekly during the first month after the installation to verify that the vegetation is establishing properly. Watering may be necessary during this period.
- 🌱 Minimum maintenance for [Standard Plant Mix](#) is 4 times per year. For other mixes, consult our team.
- 🌱 During extended periods of drought plants may suffer. Drought is considered any period of 20 days or more with less than 0.6" of cumulative rainfall and temperatures above 90°F. During this period, use a temporary irrigation system to water for 30 minutes once a week until the weather improves.

ACTIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Weeding				■		■		■		■		
Plant health				■		■		■		■		
Watering						■	■	■				
Repair				■						■		
Fertilizing				■								
Drain inspection				■						■		
Garbage removal				■		■		■		■		

**HYDROPACK® is very easy to maintain because it is delivered to the roof with the vegetation already fully established.**

# vegetal i.D.<sup>®</sup> HYDROPACK<sup>®</sup> MAINTENANCE

## DETAILED MAINTENANCE PROGRAM

Valid for zones 3-8. Outside these zones contact the [Vegetal I.D. team](#) for advice.

## ACTIONS

### WEEDING

Weed before the plants go to seed (for most weeds this means mid-spring to summer, depending on weather conditions). You can walk on the vegetation, but gently and not often. Pull out the weeds from the base. Pull out the entire root and put them in a plastic bag to prevent the seeds from spreading.

Fill in any bare patches with sedum cuttings from surrounding trays.

Remember that watering your green roof will increase weed pressure. If you water your roof frequently, you'll need to weed more often (once a month). Too much irrigation will promote high weed pressure, so manage your irrigation with care.

Don't use any chemical weed control products without first consulting [Vegetal I.D.](#)

### PLANT HEALTH INSPECTION

For each visit, answer the following questions:

- 🌱 How many different types of plants do you see?
- 🌱 How many different types of weeds?
- 🌱 What is the estimated plant cover?
- 🌱 Do you see any insects or wildlife?

### PHOTOS REQUIREMENTS

- 🌱 Identify each photo with the quote number initially provided
- 🌱 Each photo must depict a digital timestamp reflecting the time and date that the photograph was taken.



*Weeds that you may find on your green roof*



*Bare spot*

*Scrape off the growing media*



*Place cuttings*

*Cover with growing media*





## HYDROPACK® MAINTENANCE

Valid for zones 3-8. Outside these zones contact the [Vegetal I.D.](#) team for advice.

### ACTIONS

#### FERTILIZING

To ensure prolific blooming on a highly visible roof, apply fertilizer each spring; otherwise, every 2 years, during spring.

Use a hand spreader. We recommend the 3100 Professional Hand Crank Spreader from Earthway. Be sure to wear a mask, gloves and eye protection.

Follow the fertilizer manufacturer's instructions. We usually recommend a slow (9-month) fertilizer (18,6,12), but it really depends on the needs of the plants and the climate conditions. Please consult us for a detailed fertilization program. Water for 30 minutes after each application.

You'll begin to see the effect on the plants after about three weeks.

#### WATERING

With the exception of some circumstances, such as pitched roofs, we do not recommend the installation of a permanent irrigation system.

Watering is important after installation and throughout the first summer. A temporary irrigation system is sufficient, using tripod stand sprinklers.

In long periods of drought you should water the roof until the reservoirs are full. It usually takes about 30 minutes with a water pressure of 35 psi. We define drought as a long period of 20 consecutive days with less than 0.6" of cumulative rainfall and temperatures above 90°F. Under these specified conditions, water for 30 minutes once a week.

If you have bare spots on your roof, spread cuttings and water them every week until the plants grow back.

For irrigation supplies and advice please contact [Vegetal I.D.](#)

If you plan to install permanent irrigation, contact [Vegetal I.D.](#) for approval of the layout and the system itself. We provide lay out, ready-to-install kits that include weather stations, controller, connections, sprinklers and pipes.



#### CLEANING THE DRAINS

Remove roots, vegetation, and any signs of moss appearing in the roof drains.

#### REMOVE TRASH AND LEAVES

Pick up any leaves and trash that have fallen onto the vegetation.



Lack of Fertilization



Fertilization equipment



Leaves covering the plants



Irrigation electro valves



Sprinkler



Weather station



Drip Irrigation attachment



Automated valves

# MAINTENANCE FIELD NOTES

QUOTE NUMBER \_\_\_\_\_

DATE OF INSTALLATION \_\_\_\_\_

DATE	NAME	COMPANY	ADDRESS	PHONE/EMAIL

MAINTENANCE	CHECK	OBSERVATION
Plant health inspection		
Weeding		
Vegetation replacement		
Fertilization (type, rate)		
Drain inspection and cleaning		
Garbage removal		
Watering		
Plant coverage (Percent)		
Number of plant varieties		
Number and name of different weeds		
Insect or wildlife		

**COMMENTS:**