



3055 Siggelkow Rd
McFarland, WI 53558
608-838-2054
www.avantgardening.com

Live Roof Maintenance Requirements

a) Soil Testing & Fertilization

- i) During April of each year, conduct a soil test for pH and fertility.
 - (1) pH maintained in the range of 6.5-8.0.
 - (a) Engineered soil is buffered, pH changes should be minimal.
 - (i) If pH falls outside of range, consult manufacturer for proper amendment.
 - (2) Fertility should fall into the “normal” or “low-normal” range of typical soil tests.
 - (a) If fertility is below this range, a single springtime application of a premium controlled release fertilizer, preferably Nutricote 14-14-14; Type 180 should be applied at 20lbs per 1000 square feet.

b) Trimming

- i) During early April, the plants must be trimmed to a height of 2 inches or less, to remove any dried seed heads.
 - (1) Clippings should remain in place, not bagged, or removed.

c) Inspections and Plant Care

- i) Conduct Every 2 Weeks (2x per month)
 - (1) Watering
 - (a) Prolonged Hot or Dry Weather
 - (i) Generally identified as 75 degrees plus weather that persists for a month or longer with less than 1” of rainfall. Such weather can dry out the green roof substrate and cause the plants to go dormant or dry up and die.
 - (ii) When these conditions persist, irrigate to the point of soil saturation.
 - (iii) Sloped applications will require more frequent irrigation.
 - (iv) It is recommended to irrigate thoroughly at least once per month.

d) Weed Control

- i) Weed control should occur twice-monthly by hand weeding. Do not make this interval longer.
- ii) Simply pull all weeds, no matter how small. Never allow a weed to flower, set seed, and complete its life cycle.
- iii) Complete this regimen from April to late fall.
- iv) Be sure to remove all woody plants immediately. If they are allowed to establish, they may damage the roofing membrane.
- v) Avoid herbicide use.

e) Displaced Soil

- i) Nesting birds can potentially displace soil. Any displaced soil should immediately be replaced with engineered green roof soil.

f) Drainage Inspection

- i) Roof drains should be inspected every two weeks and any debris, pebbles, leaves, etc. removed to keep drains flowing freely.

g) Debris

- i) All debris and trash should be removed as often as possible.

h) Snow Removal

- i) If walkways are adjacent to roof modules, avoid piling snow on top of plantings beyond natural levels.
- ii) Do not use salt. Sand can be used for ice control.

i) Pesticides

- i) Pesticide use is discouraged. Applications should be completed by a licensed pesticide applicator.

j) Documentation

- i) All maintenance events should be recorded, indicating staff member, date, activity, and time.