

INSTALLATION
AND MAINTENANCE INSTRUCTION

SEDUM MATS



INSTALLATION INSTRUCTION



1. Prepare the ground for the mats.



2. Level the substrate



3. Or roll out vegetation mats (VRM, RRM, REC)



4. Make a gravel strip using separation profiles Greenfond LS-P



5. The gravel strip has to be approx. 20-30 cm wide and should run along attics, skylights, and inlets



6. Place the Greenfond SK inspection chamber over the water inlet



7. Place the rolled up vegetation blanket carefully on the substrate with the blanket flap downward. Unroll carefully. Put crumbled off vegetation back in place. Use the knives to cut the mats around roof penetrations. Use left-over pieces / plant chunks to fill in bare spots. Water immediately after, the installation.



INSTALLATION INSTRUCTION

ADDITIONAL INFORMATION

1. Do not leave the Sedum blankets on a roll overnight. Unroll at roof or street level but cool roof/street level first with a generous flush of cool water to avoid the root systems being scorched!
2. Unload in shade to protect plants from unnecessary heat exposure.
3. While installing put down plywood boards to prevent excessive soil compaction. Use plywood as a road to easily maneuver the carts on and to protect mats from foot traffic after installation as well.
4. Substrates whose surface has formed a crust or clumped as a result of prolonged storage on the roof without greening should be loosened before installing the mats .



MAINTANCE INSTRUCTION

WEEDING

- Do not weed at temperatures below 0 °C and above 25 °C.
- Pull out the complete weed plants including the roots. Be careful not to spread seeds, thus after one pulls a weed, immediately place in plastic garbage bag or waterproof bucket to prevent inadvertent seed spreading. Fill in bare spots with clippings from desired plants.
- During the warmer months of the year, when additional watering might have been needed right after installation to combat the excessive heat, one can expect a flush of weeds in the first 3-6 weeks. (This is a 1 time event caused by ideal watering scenario for weeds).
- **DO NOT EVER LET THE WEEDS SET SEED.** This will cause a snowball effect. The weeds reseed at astronomical rates, which is very costly and near impossible to reverse.
- Do not use any chemical weed control products.



IRRIGATION

- Irrigate the bare spots (regardless if clippings were recently applied). During extreme droughts it is beneficial to give the roof some heat relief by irrigating generously for 30 minutes with an assembly of sprinklers.
- Once established, irrigate only during a drought. On a typical system, the roof can self sustain most of the time. However, in extreme heat (30+ °C) combined with prolonged drought (3-5 weeks of little or no rainfall) it's recommended to irrigate (overhead if available). It is best to soak the roof once for 45-60 minutes, and wait another 2-3 weeks before irrigating again (if needed).
- Signs that the roof needs to be irrigated are:
 - 1) exposed soil all throughout the roof
 - 2) newly appeared holes in the vegetation scattered all throughout the roof of 3-4" in diameter.Sedum album is a great 'indicator' plant. This is the first plant to tell you it might need water by showing weakening of plant growth, dramatic shrinkage of plant, and red/brown discoloration.



MAINTANCE INSTRUCTION

FERTILIZING

- We recommend the use of properly selected GREENFOND Ultra Green fertilizer for spring and Sedum Stronger for winter ,
- Fertilizer equals food for the plant. Food equals energy, health and reserves for when times are tough such as a deep winter cold and peak summer heat so feeding/fertilizing prior to the stress event is strongly recommended,
- A proper fertilizer dressing in the spring makes the water shortage resistance of the plants able to cope with drought much more effectively. Apply once in spring (when plants start to become active again) and once in fall (approximately 4 weeks prior to first average frost).



REPAIR

- If soil is eroded, replace with a thin layer of fresh soil.
- Bare spots can be addressed with clippings taken from other healthy areas. Simply cut off 2-5 cm clippings from other desired plants. This will not harm the healthy plants. Bare spots will be filled out again in 1 growing season. Sprinkle as thick or thin as one prefers. No need to water although moisture will speed up the initial rooting process. Cuttings root/take the fastest in the early spring and the fall.

