



# MAINTENANCE PACKAGE SEMPERGREENWALL OUTDOOR

For the well-being and appearance of your green wall, it is important to have periodic maintenance carried out. After all, a SemperGreenwall Outdoor is and remains a living product. That is why Sempergreen Vertical Systems offers a maintenance package to keep the SemperGreenwall in top condition all year round.

## MAINTENANCE PACKAGE SEMPERGREENWALL OUTDOOR ON AN ANNUAL BASIS

COMPONENTS	FREQUENCY
Maintenance & care of plants + maximum 5% renewal	2x
Visual check	4x
Maintenance Plant Care System	1x
Replenishment of nutrients	when necessary
Online monitoring by Sempergreen Vertical Systems	2 to 3 times a week
Helpdesk in the event of calamities	24/7
Preventive pest control	2x

## TELEPHONE HELPDESK IN THE EVENT OF CALAMITIES

Our maintenance package includes access to our telephone helpdesk. If you have any questions, we are available for telephone advice on working days during office hours. In case of emergencies, you can also make use of an emergency telephone number outside office hours.



### PLANT CARE AND MAINTENANCE

SemperGreenwall maintenance consists of several elements:

- First, a visual inspection is carried out 4 times a year. This involves looking at the condition of the wall and identifying what actions are required in the next maintenance.
- Furthermore, the plants are extensively pruned and cared for in spring. Pruning is also carried out in the autumn so that the green wall is ready for the winter season.
- Careful attention is also paid to any plant outages. In case of plant loss, a maximum of 5% of the total number of plants is replenished. If the loss of plants exceeds 5%, we examine in consultation with the customer what is possible to restore the wall to the desired level.
- Finally, the gutters and drains are checked and cleared of leaves and other debris.

### MAINTENANCE PLANT CARE SYSTEM

The Plant Care System is the beating heart of your SemperGreenwall. This clever irrigation system provides all plants with the water and nutrients they need. The Plant Care System is fully checked and tested annually. You are guaranteed on all parts and their replacement for 2 years from the date of installation. Any replacement of parts after this period will be coordinated with you and the cost of the parts to be replaced and labour charged.

### REFILLING OF NUTRIENTS

To ensure plant growth, every SemperGreenwall needs nutrients. The Plant Care System is equipped with a nutrient module, in which the nutrients are dissolved in the right mixing proportion. This ensures that your SemperGreenwall receives the right nutrients. Based on the season, the right nutrient for the planting is administered. Thus, in spring, the nutrient stimulates bud formation and growth.

In the late summer months, the ratio is changed to allow the cell structure in the plant to harden off, protecting it from the winter cold. Within the maintenance contract, nutrients are topped up regularly. This is usually done during one of the maintenance or visual inspections. Thus, your SemperGreenwall is guaranteed to receive the right nutrients.

### ONLINE MONITORING

Through online monitoring, Sempergreen actively remotely monitors your SemperGreenwall 2 or 3 times a week. This involves checking whether the moisture values and water flow are still correct and whether the water and nutrient tanks are still filled. If an anomaly is detected, the system switches immediately. The irrigation programme is tailored to the local climate and the different seasons.

### FROST PROTECTION

The Outdoor SemperGreenwall features automatic frost protection. The system will deactivate at temperatures below 2°C. Drip lines are blown through with a compressor to prevent them from freezing. Above 4°C, the system is reactivated.

### CONTROLLING DISEASES AND PESTS

Living plants attract many insects. Besides many good insects, there are unfortunately sometimes insects that cause damage to the plants. During maintenance and visual inspections, plants are checked for these signs and pests are controlled biologically when necessary.

Besides symptom control, preventive biological control is also applied. This is done by administering nematodes every six months, among other things.