

Installation Instruction

Vegetation mats

1.) Description:

Pre-cultivated vegetation mats on various carriers (decomposable, partly decomposable, rot-proof) with different vegetation.

2.) Area of Use:

- Fixing layer build-up (height of at least 7 cm) in areas prone to wind drift
- Erosion protection
- Instant greening

3.) Delivery:

On folded or rolled pallets, approx. 30 m²/pallet
Measurements: width 1,000 mm, length 2,000 mm, longer strips available on request



4.) Storage:

Vegetation mats are living goods and may only be stored temporarily under professional horticulture care.

5.) Installation:

The vegetation mats should be installed immediately after delivery, ideally on the same day. If that is not possible, they need to be unrolled and stored flat. Furthermore, sufficient irrigation of the mats necessary.

rerequisite: Flat substrate layer, step-resistant compressed with sufficient soil humidity. Dry substrate should be watered before installation. Coarse-grained and incrustated substrate needs to be loosened through raking. For installation of coco fiber-based vegetation mats, 50 g/m² depot fertilizer should be spread/applied on the substrate

The mats need to be handled carefully to avoid loss of substrate and damage of the vegetation on the carrier fibre. The mats should be laid out with T-joints (no cross joints), densely joined but not overlapping. During the installation, there should be no exertion of tensile forces in order to avoid contractions afterwards. Any hollow spaces between the mats and substrate should be removed (e.g. rolled with a roller).

Remaining bald patches or joints between the mats and substrate should be filled with substrate and seeded with additional sedum shoots. On pitched roofs (> 25° slope), a supplementary fixation on the anti-slip system is recommended (e.g. spikes on sills, anti-slip system type N).

The installed mats have to be watered slowly until saturation (30–40 l/m² depending on weather conditions). During dry periods in the establishment phase, the vegetation mats need to be irrigated on a regular basis. The duration of the establishment phase depends on the local weather conditions.

After 6 weeks, fertilization with 50 g/m² Opticote is recommended.

To ensure good rooting and establishment, temperatures of 8–10 °C (day) over a minimum of 3 weeks are necessary. Unfavorable weather conditions can lead to winter drought damage. Therefore, irrigation may also be required in the winter under frost-free weather conditions.