VEGETATION MATS

1. Description:

Pre-cultivated vegetation mats on various fabric carriers (biodegradable, partially biodegradable, or non-biodegradable and tensile) with different types of vegetation (sedum, sedum herbs, sedum grass herbs).

2. Area of use:

- As a windproof, erosion-protective form of greening on exposed flat roof surfaces (e.g., where there is a risk of wind suction) and on sloping roofs with a pitch of 15° or more.
- As comprehensive vegetation for immediate greening results with minimal effort for completion maintenance.

3. Delivery:

On pallets, folded or rolled; approx. 30 m²/pallet, width 1 m, length 2 m, longer lengths also available on request, weight approx. 15-25 kg/m²

4. Storage:

Vegetation mats are living plants! They should be installed on the day of delivery if possible. Even with professional horticultural care, they can only be stored unrolled for a short period of time.

5. Installation:

Note on receipt of goods:

The vegetation mats should be installed as soon as possible after delivery, i.e. on the day of delivery. If this is not possible, the mats must be unrolled immediately, i.e. on the day of delivery, for temporary storage on wet ground, laid out in a single layer and watered sufficiently.

Preparation of the substrate surface:

The substrate must be level, compacted to a firm consistency and sufficiently moistened. Dried-out substrate must be thoroughly moistened before installation. Substrate surfaces that are very coarse-grained or heavily encrusted due to prolonged storage on the roof without vegetation must be roughened before laying the mats. As a starter fertiliser, approx. 20–30 g/m² of Optigrün Fertiliser PLUS should be evenly spread before laying.

Laying the mats:

The mats must be handled with care during processing to prevent substrate and/or vegetation from breaking out of the carrier fabric. The mats should be laid in a staggered pattern. The mats should be laid flush but not overlapping. When laying the mats, no tension should be exerted on them to prevent them from shifting later. Avoid cavities between the mats and the substrate surface. Fill any hollows with loose substrate and press the mats down with a light lawn roller if necessary.

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Any remaining bare patches and gaps between the mats should be filled with substrate and reseeded with sprouts.
When laying on sloping roofs, the mats must be secured against slipping at roof pitches of approx. 25° or more, e.g. by inserting metal pins into the shear beams.

The daily output laid should be watered slowly and thoroughly on the same day (depending on the weather, up to 30-40 l/m² of water may be required).
The duration of rooting in the substrate is highly dependent on the weather. Therefore, during the rooting phase (approx. 4-8 weeks), water as needed in dry weather.
If no initial fertilisation has been carried out in advance, maintenance fertilisation with approx. 50 g/m² Optigrün Fertiliser PLUS approx. 6 weeks after installation is recommended.

Further information:

To ensure proper rooting, an outdoor temperature of approx. 8-10 °C is required for at least 3 weeks after planting. If seasonal conditions cause late installation (depending on location, approx. from the end of October/beginning of November), proper rooting may not occur, which can lead to winter drought damage. To prevent such drought damage, irrigation can also be carried out in winter if necessary, provided the weather is frost-free.

On request, a transport and unrolling device for attachment to a crane hook can be provided (see illustration on page 1).

Please note: The information in this publication is based on our current knowledge and experience. It does not constitute a guarantee in the legal sense. When using this product, the specific conditions of the application must always be taken into account, particularly with regard to building physics, construction technology and building regulations.

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