

# OPTIGRÜN PVE

## Solar green roof seed mix (predominantly perennial)

Optigreen solar green roof seed mix PVE to increase the biodiversity of extensive green roofs under photovoltaic systems with seeding.

Consisting of low-growing plants to prevent shading of the PV modules. Must be used in conjunction with sedum shoot seeding



### Material

At least 30 of the 58 species:  
 Acaena novae-zelandiae, Achillea tomentosa, Acinos alpinus, Ajuga reptans, Alysium montanum, Anacyclus pyrethrum var. depressus, Antennaria dioica, Aster alpinus, Campanula carpatica, Campanula cochlearifolia, Campanula garganica, Campanula portenschagiana, Campanula poscharyana, Cerastium tomentosum, Chamaemelum nobile, Delosperma congestum, Delosperma deleeuwiae, Dianthus arenarius, Dianthus deltooides, Dianthus deltooides albus, Dianthus gratiopolitanus, Dianthus spiculifolius, Dianthus sylvestris, Draba aizoides, Draba ramosissima, Duchesnea indica, Erigeron glaucus, Euphorbia myrsinites, Fragaria vesca, Globularia cordifolia, Globularia punctata, Gypsophila repens, Helianthemum nummularium, Herniaria glabra, Hieracium pilosella, Iberis sempervirens, Inula rhizocephala, Lewisia longipetala, Linaria alpina, Lychnis alpina, Matricaria caucasica, Muscari sp., Oenothera macrocarpa, Paronychia kapela, Potentilla verna, Prunella grandiflora, Prunella vulgaris, Saponaria ocymoides, Saxifraga sp., Sempervivum sp., Talinum (Phemeranthus) calycinum, Teucrium chamaedrys, Thymus doerfleri, Thymus praecox, Thymus pulegioides, Thymus serpyllum, Veronica prostrata, Veronica spicata f. nana

### Delivery form

In breathable fabric sack for 20 m<sup>2</sup> or 100 m<sup>2</sup>. Delivery by parcel service.

### Quantity/ delivered unit

for 20 m<sup>2</sup>: 400 g seed mix (Art. No. 31286)  
 for 100 m<sup>2</sup>: 2 kg seed mix (Art. No. 31287)  
 (spread quantity: 20 g/m<sup>2</sup>)

### Area of use

- For the extensive greening of solar green roofs
- For increasing biodiversity
- Ideal from a substrate height of 10 cm
- Suitable as a complement to sedum shoot seeding
- Use on extensive multi-layer substrate E
- All-year-round application possible, the best results are achieved when sowing in the period from the end of March to the beginning of May

### Specific properties

- Seed mixture of at least 30 of 58 low species
- Avoiding shading of the PV modules
- Suitable for a wide range of growing locations under, next to and between PV modules
- The herbs contained in the seed mixture develop differently depending on the substrate thickness, available water reservoir, light conditions, exposure to wind, weather conditions and maintenance
- Mixed with carrier material to facilitate even seed distribution

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigrün's technical knowledge at the time of publication. Optigrün reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

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