

OPTIGREEN Hydroseeding Application

with a hydroseeder

Seeding technique on extensive green roofs by spraying a liquid mixture of water, germinating substrate, tackifier adhesive and cellulose fibres containing herb/grass seeds.



Material

Mixture of water with Optigreen Germinating Substrate, tackifier adhesive, mulch cellulose, and seeds

Delivery unit/ Processing

Usually performed by service provider with special equipment, including sowing of sprouts

Area of use

- For the even application of herb and grass seeds
- To fix seeding in place in areas at risk of wind suction
- For substrates without or with low organic components as a seed bed
- Economical from approx. 500-700 m²

Special features

- Addition of Optigreen Germinating Substrate recommended for single-layer structures
- > For substrates with up to 20% organic components appr. 4 l/m²
- > For substrates with purely mineral components appr. 6 l/m²
- Addition of tackifier adhesive
- Shoot sowing approx. 80-100 g/m² and Seed Mix
- Optigreen Seed Mix MRK and MGR for single-layer substrates (e.g. economy roof system solution)
- Optigreen Seed Mix EKR and EGR for multilayer substrates (e.g. nature roof system solution)
- The mixed mulch cellulose and the adhesive are used as erosion protection until the seed mix settles or the shoots become fully rooted and the germinating substrate is used as an organic germinating bed for the seeds.

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 Optigreen's technical knowledge at the time of publication. Optigreen 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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