Hydro-Seeding

Method of hydroseeding extensive green roofs by spraying a mix of water, germinating substrate, ground adhesive, mulch cellulose and herb/grass seeds onto the surface.

Technical details and properties:

Material: Water mixed with Optigreen germinating substrate, ground adhesive, mulch cellulose and seeds

Particular details:

- Addition of Optigreen germinating substrate recommended for single layer build-ups
  → For substrates with up to 20% organic components: approx. 4 L/m²
  → For substrates with mineral components only: approx. 6 L/m²
- Addition of ground adhesive
- Sedum shoot quantity approx. 50 g/m²
- Optigreen type A seeds for single layer substrates (e.g. economy roof system)
- Optigreen type E seeds for multi-layer substrates (e.g. nature roof system)
- Adding mulch cellulose and ground adhesive provides protection against erosion until the the seeds start to germinate or have taken root. The germinating substrate serves as an organic bed for seed germination.

Area of use:

- For sowing herb and grass seeds evenly over the surface
- For securing seeds in areas subject to wind drift
- As a seed bed on substrates with little or no organic components
- Economic as of an area of approx. 500-700 m²

Installation

- Usually installed by a service provider with appropriate equipment which includes the seeds
- See also the assembly and installation instructions:
  "Hydroseeding process"
  - Scions are seeded prior to hydroseeding
  - The mixture can also be applied manually on small areas

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. Errors and omissions excepted.