

# Sedumdirect® Hydroseeding

The quick and economical way to apply sedum vegetation on rooftops

## What is hydroseeding?

Hydroseeding is the best way to apply sedum shoots on an extensive green roof system. After the cuttings are manually spread, they are covered with a layer of organic material called mulch. This layer, a green-coloured mixture of wood or cellulose pulp with a special adhesive fertilizer and water, is sprayed over the sedum shoots with a hydroseeder. The mulch layer ensures that the cuttings do not rapidly dry out, do not blow away, or are not carried away by birds; and it makes it possible for them to rapidly take root and multiply in the substrate. This reduces the maintenance required during the initial phase and delivers faster results. As well as on rooftops, hydroseeding is also often used to protect roadside slopes and berms from erosion. Grass seeds are generally used for this purpose instead of sedum cuttings. Seeds are mixed into the mulch layer and are simultaneously sprayed onto the slope or berm.

## Listing the advantaged of hydroseeding

- **Protection against wind erosion:** the mulch layer ensures that the substrate and the sedum cuttings cannot be blown away by the wind. This maintains the even distribution of the cuttings and the substrate across the rooftop.
- **Prevention of rapid dehydration:** the water is retained in the mulch layer and in the substrate, which allows the sedum shoots to rapidly take root and delivers a faster result.
- **Reduced maintenance in the initial phase:** the application of sedum shoots through hydroseeding ensures a quicker and more even result than the application of sedum shoots without hydroseeding. The mulch layer and the rapid establishment of the sedum means that new cuttings have to be sown less frequently and weeds need to be removed less often.
- **Protection against the birds:** the mulch layer covering the cuttings means that birds cannot carry them away.
- **Faster establishment of the vegetation:** because the sedum shoots are covered with a mulch layer, there is improved contact with the substrate, which enables the vegetation to establish growth at a quick pace.
- **Economical:** you will profit from savings of more than 70 % as compared to the use of sedum blankets and up to 40 % as compared to the application of sedum plug plants.
- **Fast installation:** two individuals can cover a roof-top area of more than 3,000 m<sup>2</sup> with sedum in one working day.

Fast and economical installation with a fantastic result!



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## Sedumdirect® services

Sedumdirect® offers a complete package that consists of the delivery and application of the complete sedum vegetation by means of hydroseeding. The complete package includes the rental of the machine, the labour, and all necessary materials. You won't have to worry about a thing.

### Quality, wide choice and preference

To ensure the quality of the vegetation, we use sedum shoots from our own nursery for the hydroseeding. The standard mixture of the cuttings consist of a minimum of seven different varieties and can be adjusted according to your personal preferences. The cuttings can also be combined with a seed mix of wild flowers, herbs, and ornamental grasses.

To prevent damage, the cuttings are manually distributed across the substrate. We follow the FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau e.V.) Green Roof Guideline in our use of sedum varieties and the amount of cuttings we apply.



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