

DIADEM® 150

Extensive green roof system
810101



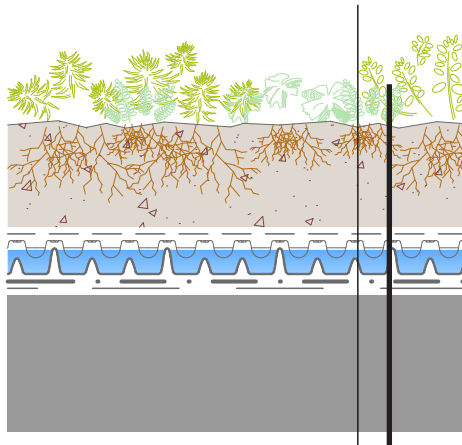
ADVANTAGES

- High insulation capacity
- Utilisation of rainwater, -vaporisation
- Living space for the nature
- Adaptable for most ceiling structures
- Fire class upon standard EN 13501-5: B_{roof}(t2)



APPLICATION

The installation of the product is recommended for satisfying ecological needs, onto building structures with restricted burden-supporting, non walkable spaces, too. Beyond the technical advantages, its function is mostly an ecologic protecting layer, with favourable rain water utilization and climatic effects.



DIADEM® BUILD-UP

- DiaMat^{PRO} sedum mat
- extensive substrate (SEM) 4-15 cm
- VLF-150 separation and filtering geotextile
- DiaDrain-25H drainage board
- VLU-300 mechanical protecting geotextile
- root-resistant waterproofing membrane
- additional layers



FREQUENTLY ASKED QUESTIONS

Do we need to irrigate vegetation?

No, the vegetation of DIADEM® 150 consists of drought-resistant herbaceous, perennial plants which grow in their natural habitat under very harsh conditions.

How long does it take for the vegetation to become established?

This depends on the planting method and the conditions at the time of planting. In general, 90% of the roof surface is covered with plants after 2-3 years. In case of planting pre-grown sedum, the time needed for plant coverage can be reduced to months.

When and in what colors do the plants on the roof bloom?

This is the most important question in terms of aesthetics, as all efforts are primarily aimed at beautifying the garden. Therefore, the species can be selected so that the roof is in bloom all year round. But even if extreme ecological aspects have to be taken into account, almost the entire roof surface can be resplendent in all colors from April to August.



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