



Ecomerchant Instant Green Roof

A pre planted green roof module to create an instant green roof

Benefits



- **Attractive**
The mix of sedums ensures year round interest
- **Easy & quick to install**
Installation of 60 m²/hr compared to 10 m²/hr for conventional systems. The pre-cultivated trays are manageable at height and can be cut to size as required.
- **Encourages diverse eco systems**
- **Extends roofs life span**
The combination of materials of the system provides U.V protection and additional thermal insulation.
- **Creates new habitat for fauna**
- **Use on roof inclinations of 0-15 degrees**
- **Modular system**
Due to the root-permeable polyurethane composite foam the individual trays positively grow together within a short period of time.
- **Free draining**
The patented foam absorbs and attenuates (stores) water and allows for continuous free drainage over time.

Ecomerchant Instant Green Roof is a modular extensive green roof system in which 6–8 sedum species are pre-cultivated on a special substrate. This substrate is set in a patented drainage and reservoir tray made from rebounded foam. Suitable for roof inclinations of 0–15°, the Ecomerchant Instant Green Roof system is used to extend living spaces, extend the lifespan of roofs, and develop new habitats for fauna.

Ecomerchant Instant Green Roof systems are based on a polyurethane foam, which provides UV protection and additional thermal insulation, and is water permeable and water retentive. It is also root-permeable, which means that individual trays grow together positively in a short period of time.

- Dimensions of tray: 0.5 x 0.6m x 58mm deep.
- Delivered weight: 12–13.5kg (40–45kg/m²).
- Saturated weight: 23kg (77kg/m²). Unsaturated weight 13.6Kg (45Kg /m²)

Ecomerchant Instant Green Roof is easy and quick to install. It can be laid at a rate of 60m²/h compared to 10m²/h for conventional systems. The pre-cultivated trays are manageable at height and can easily be cut to size.

Ecomerchant

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How to install Ecomerchant Instant Green Roof

Ecomerchant recommend EPDM* as both waterproofing and root barrier to cover the roof surface which can be loose laid, the membrane will need contact adhesive** to bond to the perimeter edges (or up stand) simply lay the pre planted trays directly onto the membrane flush and without gaps. Trays can easily be cut to size.

A margin of 250mm of coarse gravel can be left if required.

*Ecomerchant Supply Hertalan 1.2mm EPDM Membrane

** Ecomerchant Supply KS137 Contact adhesive for perimeters and upstands

Care and development information

For proper development of your green roof (coverage / plant vitality) it is essential to control it from time to time and also to perform maintenance work:

- 1 x per year broadcast slow-release fertilizer (Spring)
- 1 x per year remove unwanted weed growth, clear margin, repair defects (sedum / substrate), control drainage facilities
- Remove foliage if necessary
- During very low rainfall periods or marked heat-waves it is advisable to continuously watch the green roof to in order to counteract any deficiencies (water) at an early stage.



* PLEASE NOTE: *

The roof structure must be suitable for carrying a green roof (sufficient load reserves). Any necessary gravel profiles (eaves)/ drainage channels are to be professionally installed and sealed beforehand. Material for a border/ safety margin is not included in the delivery. We recommend using washed gravel, grain size 16/22 mm for the formation of a border/ safety margin.

The specification presented herein is to the best of our knowledge true and accurate. Ecomerchant cannot guarantee or offer warranty on products, unless agreed to in writing for specific conditions or for performance as the manner of handling, use and installation are beyond our control. We cannot warrant our products to perform under unlimited circumstances due to variables such as soil conditions, manner of installation and particularly severe weather conditions. Satisfactory results may not meet your expectations. No one can guarantee that required moisture will occur to permit growth after seed germination. We will not be liable for damages or losses, direct or indirect, of our Ecomerchant Range of Products due to the above reasons.

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