



MOBIROOF ECO



MobiRoof ECO is a ready-made green roof system that consists of a plant cassette filled with substrate and 6 - 8 different types of Sedum. The cassettes are easily placed against each other, creating a green roof immediately. MobiRoof ECO is an extensive green roof system suitable for flat roofs and roofs with a slope angle of up to 10 degrees (20%) and always remains movable. MobiRoof ECO is a circular green roof system. The cassette is made of recycled material and fully recyclable. This reduces environmental pressure and reduces waste flow. The cassettes are pre-grown locally with cuttings from our own nursery.

BENEFITS

- Collection and buffering of rainwater
- Stimulates biodiversity
- Insulating and sound-absorbing effect
- Extends the life of the roof
- Aesthetic value
- Increases the value of real estate
- Increased efficiency of solar panels
- Eligible for subsidies and tax breaks

FEATURES

- Ready-to-use cassette with substrate and sedum plants
- Lightweight green roof system
- Ready for use as roof cover
- Easy to install and replace
- Water retention of 20 litres per m² (optional 30 litre per m²)
- Sustainably and locally produced
- Circular, recycled and fully recyclable
- Low maintenance
- Can be used on both flat and slightly sloping roofs

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TECHNICAL INFORMATION

CASSETTE MATERIAL

The cassette is made of regenerated non-toxic polypropylene (PP) produced in the Netherlands.

DIMENSIONS

The external measurements of the cassettes are 50 x 50 x 6 cm (=0.25 m²). 4 cassettes therefore fit into 1 m².

WATER RETENTION

The cassette is filled with a substrate which, in addition to the function of growth medium, ensures drainage and storage of water. The water capacity is approximately 20 litres per m². The water buffer capacity can be increased by adding a buffer layer under the cassette. As a result, the MobiRoof ECO green roof system is eligible for subsidies and tax advantages.

VEGETATION

The vegetation layer consists of a mixture of various types of precultivated Sedum (including album, spurium and reflexum).

WEIGHT

MobiRoof ECO weighs approximately 38 kg per m² when dry and approximately 58 kg per m² when completely saturated with water.

FINISH

Gravel can be added around outer roof edges, roof windows, skylights and drainage piping for example, to stimulate the micro-climate and prevent wind reaching under the cassettes.

ROOF PITCH

The MobiRoof ECO system can be applied to flat roofs and those with a slight incline (up to approximately 20%, i.e. 10°). MobiRoof ECO can be installed as is, with no further action required. If you wish to install MobiRoof ECO on a steeper gradient anchoring is required, for example L-shaped profiles.

ROOF PROTECTION

Apply root-resistant permeable sheeting on the roof before installing the cassettes when the roofing does not include a root-resistant layer.

IRRIGATION

Irrigation is not required in a British climate. Under extreme drought conditions (> 4 weeks) irrigation is recommended.

MAINTENANCE

Maintenance work is required once or twice a year.

The maintenance tasks are as follows:

- General checks
- Fertilization in the spring using sedum fertilizer
- Dead-heading flowers, usually from mid-September. Fine cuttings may remain on the roof, but larger cuttings should be removed.