



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

bicycle parking

car parks

new construction

roofs

renovation

garden houses

bus stops

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

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.