MOBILANE

BUILDING GREEN









MOBIROOF ECO



MobiRoof ECO ®

Ready-made sustainable cassette for a green roof

MobiRoof ECO is a ready-made green roof system that consists of a plant cassette filled with substrate and is available with 6 to 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

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FEATURES

- Ready-to-use cassette
- Lightweight green roof system
- Ready for use as roof cover
- Easy to install and replace
- Water retention of 20 litres per m^2 (optional 40 litre per m^2)
- Sustainably and locally produced.
- Circular, recycled and fully recyclable
- Low maintenance
- Can be used on both flat and slightly sloping roofs

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 m^2). 4 cassettes therefore fit into 1 m^2.

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 m^2. As a result, the MobiRoof ECO green roof system is eligible for subsidies and tax advantages. The water buffer capacity can be increased by adding a buffer layer under the cassette (optional 40 litre per m^2).

VEGETATION
MobiRoof ECO is available with 6 to 8 different types of sedum.

WEIGHT
MobiRoof ECO weighs approximately 38 kg per m^2 when dry and approximately 58 kg per m^2 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 angle of up to 10 degrees (20%). MobiRoof ECO can be installed as is, with no further action required.

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 irrigation is recommended.

MAINTENANCE
Maintenance work is required once or twice a year. The maintenance tasks are as follows:

- General checks
- Watering
- Pruning
- Fertilizing

OFFICIAL MOBILANE DEALER:

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