

MobiRoof®

The ready-to-use green roof cassette



FACTS

Water drainage has become an issue due to urbanization and climate change. Potential sewage solution systems are being looked into. More and more green roofs are being applied. MobiRoof plant cassettes – provide an instant fully established green roof layer filled with substrate and 6 to 8 different types of sedum. A clip-together cassette system, MobiRoof is a simple solution for an instant green roof. MobiRoof lends itself perfectly to flat roofs and those with a gradient of less than 10° (20%) and is easy to reposition.

BENEFITS

- Water retention of 20 litres per square metre
- Expands biodiversity
- May increase property prices
- Weatherproofs existing roofing
- Increases the productivity of your solar panels
- Insulation

FEATURES

- Can be directly applied to roofing
- A ready-to-use solution
- Easily installed (and reinstalled) without an installer
- Low maintenance
- 6 - 8 types of sedum
- Cultivation certified as sustainable
- Fully recyclable

Outdoor

Shed

Canopy

Garage

Bus Shelter

Garden house

Bicycle shed

TECHNICAL INFORMATION

CASSETTE MATERIAL

The cassette is made of regenerated non-toxic polypropylene.

DIMENSIONS

The external measurements of the cassettes are 54 x 54 x 9 cm (=0.29 m²). 3.44 cassettes therefore fit into 1 m².

WATER RETENTION

The cassette is filled with a substrate for drainage and water storage. The water capacity is approximately 20 l/m². The water buffer capacity can be increased by adding a buffer layer under the cassette.

VEGETATION

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

WEIGHT

MobiRoof weighs approximately 38 kg/m² when dry and approximately 58 kg/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 system can be applied to flat roofs and those with a slight incline (up to approximately 20%, i.e. 10°). MobiRoof can be installed as is, with no further action required. If you wish to install MobiRoof 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
- Removing and disposal of unwanted plants (weeds)
- 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.