



Technical Information

Type	Tile on rubber foot (2 cm)
Measurement	50 x 50 x 5 cm
Material	Clay, lime, sedum plants
Weight (dry)	25 kg/m ²
Weight (saturated)	35 to 40 kg/m ²
Water retention	10 L/m ² (extra retention possible)
Thickness construction	8-10 cm (split, tile and plants)
Location	Flat roofs
Lifetime	20 years +



Maintenance-free Sedum roofs

Urban Green Systems

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Maintenance-free Sedum roofs



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Why a green roof?

Green roofs can play an excellent role in making a city more liveable and healthier. In addition, they also contribute to solving a number of other challenges such as climate change, energy, biodiversity and health.










It is not without reason that the construction of green roofs is stimulated by the government and increasingly anchored in urban planning, tenders, the construction process and the current built environment. This means that policymakers, contractors and architects will increasingly have to deal with green roofs in the coming years.

Maintenance-free

A sedum roof from Urban Green Systems consists of lightweight porous tiles overgrown with sedum. The tile is self-regulating. That is, the porosity of the tile together with the minerals present in the tile ensure that the sedum grows optimally and does not need anything. No extra fertilizer or water. Rainwater and dew are sufficient. At the same time, the porosity of the tile and the cavity under the tile ensures that the tile dries out easily and relatively quickly, so that weeds and grasses do not stand a chance. The result is a tightly vegetated, maintenance-free sedum tile.



The advantages of an Urban Green Systems sedum roof

-  **Maintenance-free.** The balanced sedum roof system ensures that sedum can grow optimally and weeds do not stand a chance.
-  **Optimal insulation values.** The sedum tile is loose or mounted in the cavity. This minimizes contact between the tile and the roof, which optimizes insulation.
-  **Filters fine dust.** The porous structure of the tile and the structure of the sedum plant capture, retain and partially absorb particulate matter.
-  **Retains water, filters rainwater.** Relieve the sewer at peak rainfall through a regulated water drainage.
-  **Easy to install/assemble.** No additional materials required.
-  **Sound-absorbing.** The porous composition of the tile absorbs sound.
-  **Fire resistant.** The material of the tile is fire resistant to about 1500 degrees.
-  **Sustainable & Circular.** The tile is made of natural materials: lime, clay and minerals. And therefore easy to recycle.
-  **Excellent Ica/mki values.**



Why choose an Urban Green Systems sedum roof

Unlike many other sedum roofs, a sedum roof from Urban Green Systems is maintenance-free, easy to install, clear in costs, fire-resistant and ensures a regulated discharge of 'clean' drainage water.

Interested?

Check our site for more information or mail or call us.

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