

QUICK SEDUM

Pre-grown sedum trays

Nactory



THE SIMPLE SOLUTION FOR GREENING YOUR FLAT ROOFS !

Quick Sedum is a tray filled with a mineral and organic substrate in which around ten varieties of sedum are pre-grown.

Quick Sedum offers a four-in-one solution :

- Drain to remove excess water
- Integrated water reservoir
- Substrate optimised for sedum cultivation
- Pre-cultivated sedums (between 5 and 10 varieties per tray)

Green roofs offer many advantages beyond aesthetics.

With our Quick Sedum, you get a ready-to-use solution at a competitive price !

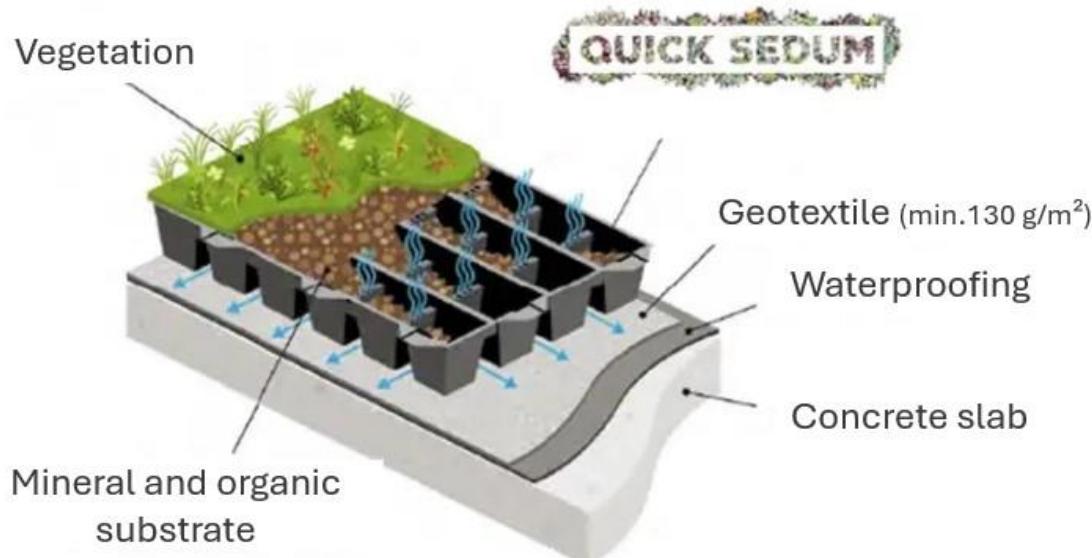
We offer two models : Box and Visual – subject to availability.

Please contact us for further information.

QUICK SEDUM

Technical data sheet

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QUICK SEDUM Box

Format	$\pm 49,5 \times 47,5\text{cm}$
Height	$\pm 8\text{cm}$
# Trays/m ²	$\pm 4,4 \text{ pc}$
Material	recycled PP
Cells/tray	16
Dry weight	49kg/m^2
Wet weight	$\pm 85\text{kg/m}^2$
Palet	$12\text{m}^2/\pm 850\text{kg}$
Water retention	33l/m^2
Sedum	7 to 10 varieties
Size	between 4 and 10cm of vegetation Mature plants



Better resistance to high temperatures thanks to higher water retention (33l/m^2).

QUICK SEDUM Visual

Format	$\pm 53,5 \times 40,5\text{cm}$
Height	$\pm 6\text{cm}$
# Trays/m ²	$\pm 4,6 \text{ pc}$
Material	recycled PET
Cells/tray	12
Dry weight	25kg/m^2
Wet weight	$\pm 50\text{kg/m}^2$
Palet	$12\text{m}^2/\pm 600\text{kg}$
Water retention	25l/m^2
Sedum	7 to 10 varieties
Size	between 4 and 10cm of vegetation Mature plants



Optimal aesthetics in hot or cold weather, as the edges of the trays are not visible.

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Nothing but advantages !

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- **THERMAL COMFORT** : Green roofs can reduce the temperature of rooms under roofs by 5 to 11°C in summer. A Canadian study showed that this can reduce by up to 60% the energy consumption for the air conditioning systems.
- **ACOUSTIC COMFORT** : Homegrade indicates that an extensive green roof induces a sound reduction of up to 35dB.
- **COMBINATION WITH PHOTOVOLTAIC PANELS** : Australian researchers have shown that peak output increases by up to 107% when combined with green roofs. This is because the panels are optimized to operate at 23°C, and green roofs can reduce roof temperatures from 70°C to 34°C in summer.
- **WATERPROOFING LIFESPAN** : Green roofing protects the waterproofing from temperature fluctuations and UV rays. Homegrade reports that green roofs can more than double the lifespan of waterproofing.
- **RAINWATER STORAGE** : Homegrade estimates that extensive roofs can retain up to 50% of rainwater during heavy downpours.
- **IMPROVED AIR QUALITY** : green roof plants filter fine particles and dust suspended in the air (up to 2kg/10m²/year !).
- **BIODIVERSITY** : The abundant and prolonged flowering of sedums provides a reliable source of nectar for bees, especially in stressful environments.

THE BENEFITS OF VEGETATION BY QUICK SEDUM

- **Very simple, four-in-one installation system** (drainage, substrate, water retention and vegetation).
- **Easy maintenance** of the waterproofing : in case of a problem with the waterproofing, simply lift the trays to check the condition of the waterproofing.
- When the installation is done by the roofer, **the waterproofing and the greening are carried out by the same company**.
- **The visual effect is immediate**, with 5-10 varieties of sedum per tray to extend the flowering period.

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Installation guide

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1. Clean and brush the surface to be covered.
2. Flood your roof for 12 hours to check for leaks.
3. If the waterproofing is not resistant to roots : install a root barrier, overlapping by 25 cm.
4. Lay a geotextile to protect the waterproofing during the installation of the trays.
5. Cut the root barrier and/or protective layer around the rainwater drains so as not to obstruct them.
6. Install the trays by simply slotting them together sideways. If necessary, they can be cut to size. Never saw directly onto the roof covering !
7. Water the sedum.

- For insulation, use a material that is moisture-resistant and has **sufficient compressive strength to support the weight of water-saturated trays**.
- Check that the structure **can support the weight of water-saturated trays**. Consult an expert if you have any doubts.
- **The roof slope must be less than 10° (or 20%)**.
- **Must be installed within 48 hours of delivery** to avoid damage to the sedum.
- **Can be installed in any season**, except during periods of frost or heatwave.

Maintenance guide

- Once a year, in March :
 - Apply slow-release fertiliser (3kg/100m²).
 - Remove any tree shoots.
 - Remove leaves at the end of autumn.
- In case of prolonged drought, water once a week to maintain a lush appearance and beautiful blooms.
- In case of prolonged drought during the summer, be sure to apply organic fertiliser in September to revitalise the vegetation before winter.

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Achievements

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QUICK SEDUM

Belgian producer of sedum

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Since 2015, Ferme de la Sarte has been producing Quick Sedum trays for flat roofs.

Ferme de la Sarte has been farming over 200 hectares in Grez-Doiceau, in the heart of Walloon Brabant, 20 minutes from Brussels, Leuven and Wavre, for 50 years.

Its activities include traditional farming and specialised agriculture, such as *Quick Gazon* turf rolls and *Green Fence* ivy fencing.

Please feel free to contact us to see our products !

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