TECHNICAL DATA

In-depth key information.

Where **ECOSEDUM® PACK** can be used

Thanks to its cleverly designed structure, the ECOSEDUM® **PACK** units can be used on just about every kind of roof.

- Flat roofs
- Lean-to roofs
- Garages
- Carports
- Non-accessible areas
- Roof terraces
- Portable buildings
- Garden offices

Facts and figures

Pre-planted tray volumes at delivery:	Over 80% (4-6 sedum varieties)
Material:	100% recycled/recyclable PE/PP
Colour:	Grey
Area:	400x600 mm
Height:	75 mm
Water retention capacity:	8 l/m²
Weight: (at max. water content)	95 kg/m²
Weight: (at max. water content)	22.8 kg/unit
Water retention capacity: (at max. water content)	32 l/m²
Run-off coefficient:	0,5

We create practical and efficient reinforcement systems for a greener world.

PURUS PLASTICS

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English

PURUS PLASTICS

ECOSEDUM® PACK

The simplest way to bring greenery to rooftops

Making both financial and environmental sense

Pre-planted modules for instant use

Easy fit

Helps extend roof life, e.g. by providing UV protection

100% recycled material

Self-maintaining: rainfall provides all water needs

Absorbs airborne particulates

Effective SUDS control thanks to rainwater attenuation

Quick green roof surfaces

ECOSEDUM® PACK is an all-in-one system containing plants from the sedum family, and it is perfect for bringing greenery to all conventional roof types.

Made from 100% recycled material, the systems specially designed honeycomb structure ensures optimum water retention and at the same time stores precious rainwater.

ECOSEDUM® **PACK** makes a significant contribution to lowering the run-off coefficient (relation of run-off to precipitation), which means lower levies for municipal drainage services. Subsidies are also available from government programmes thanks to rooftop greenery's role in compensating for built-over land by providing water-permeable surface area. The protection vegetation affords from the effects of weather and UV is enough to make planting rooftops economically viable by extending the life of roofing material.

Ecological benefits:

- Improved water retention helps reduce risk of flooding
- More green space, lower particulate levels, less CO_2
- Water reservoir for the plants
- Sound proofing and insulation
- Improved microclimate

Economic benefits:

- Lower heating and air conditioning costs, lower drainage levies
- Lower investment spending on water retention facilities, drains, sewers, etc.
- Longer roof lifespan thanks to protection by modules
- Subsidies available for creation of green roofs

Safe, secure installation – even on slopes

The modules can simply be placed on the waterproof roof mats without the need for any preliminary work – the modules' honeycomb design means that no special anti-slip holders are necessary on roofs with a gradient of less than 20% and a length of 10 m.

Thanks to their compact dimensions of 400x600 mm, the modules are easy to position, even on small or narrow roof surfaces. The plants do not require additional watering thanks to the system's water-retaining capacity, while excess surface water evaporates or is returned to the water cycle gradually. The threat of waterlogging is also eliminated thanks to the modules' intelligent drainage system.