



The easy way of green roofing

The pre-cultivated
complete system

Ecosedum Pack



By using the pre-cultivated and ready-to-lay Ecosedum Pack tray, you can easily change most of the common roof types into sustainable, water-retentive green areas. The benefit this brings includes extended rooftop life expectation, better indoor climate and possibilities for government grants.

The modular complete system is perfect for:

- Flat roofs
- Pitched roofs
- Projecting roofs and canopies
- Garages and carports

Concept

Work preparation

Clean roofage with broom, size the area and prepare layout drawing with grid dimension 60 x 40 cm | 15.75 x 23.62 inches.

Root protection

If needed, install root protection and let it protrude at the roof edges. Cut out the drains!

Critical subfloor?

If needed, separation liners can be placed to protect the roof membrane. We recommend this in case of older bitumen sheet roofing and critical subfloor.

Laying / Organisation

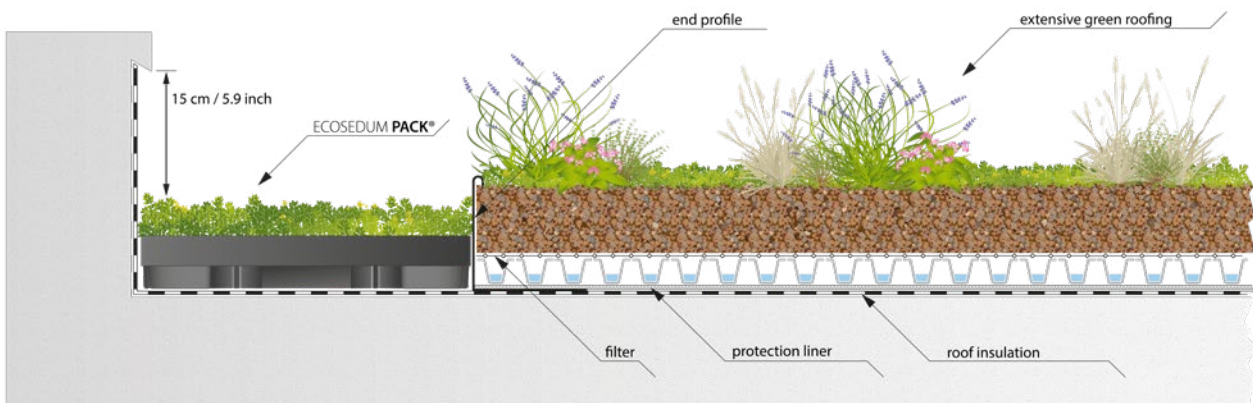
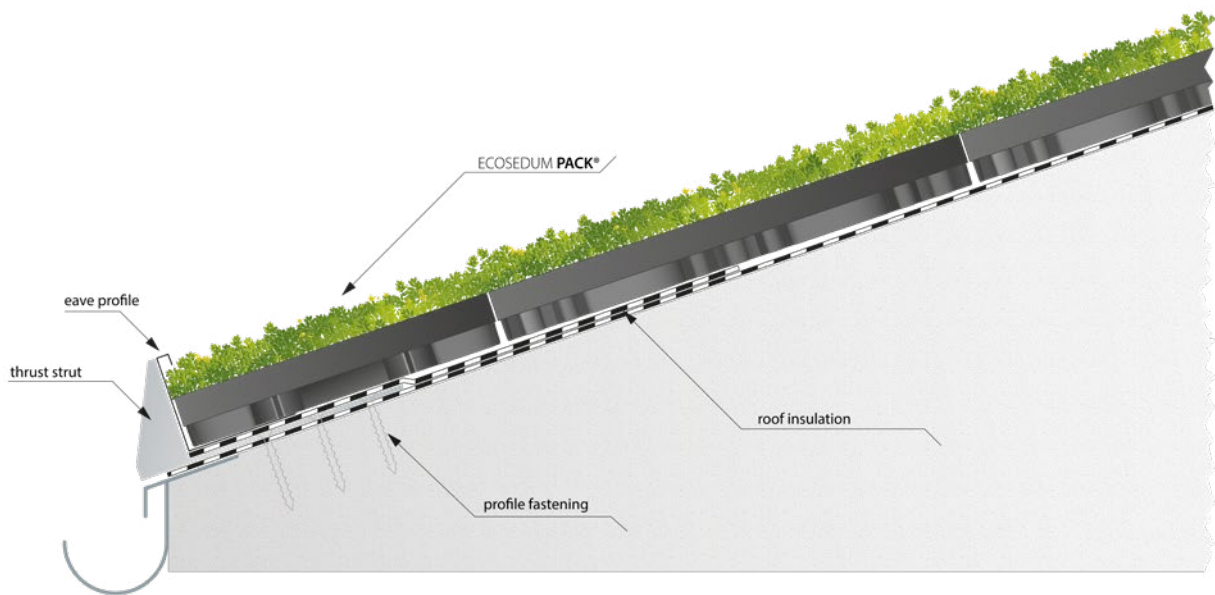
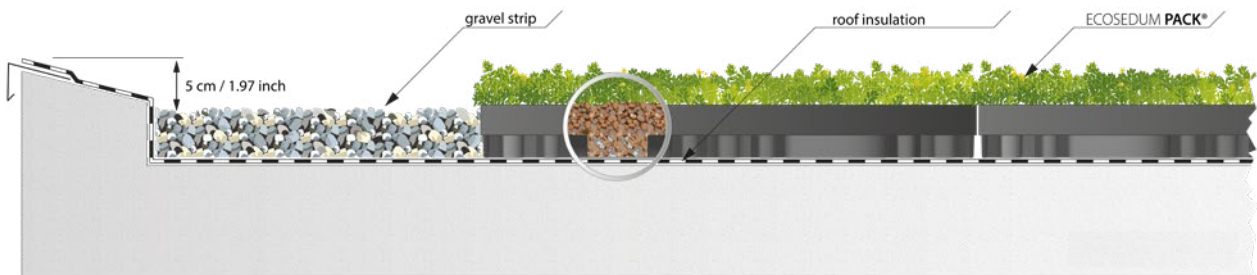
The trays should be taken off the pallet and laid onto the roof as quick as possible in order to avoid storage damage to the plants. Please make sure, that you place the trays without any gaps inbetween.

Please do not cut the Ecosedum tray along the edge of the green roof area. Spaces can be covered or bridged with gravel.

Within the first three or four weeks, please water the green area regularly and keep it humid. In longer hot temperature periods, water the area if required.

Apart from that no watering is needed!

Roof shapes and laying methods



Specifications

Pre-cultivated	>80% (4-6 sorts of sedum)		
Material	PE/PP, 100% recycled		
Colour	Black / Dark grey		
Dimensions	400 x 600mm	15.75 x 23.62 inches	
Height	75mm	2.95 inches	
Water reservoir	8 l/m ²	2.11 U.S. Gal.	
Weight (max. water level)	95kg/m ²	209.44lbs	10.76ft ²
Weight (max. water level)	22.8kg/Stck.	50.27lbs	10.76ft ²
Water retention capacity	32 l/m ²	8.45 U.S. Gal.	10.76ft ²
Discharge coefficient	0.5		



Care tips

Every gravel covered roof needs to be serviced once or twice a year, it is about the same with a green roofing. We recommend inspecting the green roof in Spring and Autumn. During this check you simply remove un-wanted vegetation and check the drains.

The Ecosedum green roof system is a near-natural vegetation form, that preserves and refines itself automatically. We use hardy, winterproof and adaptable plants (sedum sprouts) to ensure that the system can stand even in extreme local conditions.

These plants are delivered within our green roof trays and are up to 80% pre-cultivated. Additionally, watering is only recommended in high temperature locations or during hot weather periods.

Packaging and shipping

Depending on the quantity, we are shipping palletized per truck with forwarder.
(approx. 15 m² | 161.45 ft² p. pallet resp. approx. 300 m² | 3,229.17 ft²)

Installation example

Hospital Roof



Scope	approx. 400m ²	4,305ft ² roofage
Scheduled	4 worker, 4 days	
Needed	4 workers, 1day. No heavy construction machines needed	
Savings	3 days + heavy machines	





Benefits of modern green roofing

- Optimized water retention and water reservoir
- More green areas mean less fine particles and less carbon dioxide
- Extended rooftop life span thanks to the UV-protection
- Noise and heat insulation
- Less rainfall charges, less hearing costs
- Microclimate improvement
- Potential for government grants and credits



Your Ecosedum Pack benefits

- Quick and easy installation
- Immediate green areas
- Immediate acceptance of construction work possible
- Easy lifting and re-laying
- Integrated rainwater retention
- Easy Care with little maintenance