



ND re-GROW Sedum Cassettes

The immediately green and quickly to install green roof with sedum cassettes made from 100% re-growing raw materials

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Your benefits when using ND re-GROW Sedum Cassette



Made of re-growing raw materials: The tray of the ND re-GROW Sedum Cassette is made of 100% re-growing raw materials and can be industrially composted at the end of its life cycle.



Immediately green: After installation the roof is directly green with a coverage of > 85% and 4-8 sedum species. The roots and the vegetation are well developed due to the perfect nursing conditions.



Quick and easy to install: ND re-GROW Sedum Cassettes combine 4 elements in one product: drainage layer, water buffering layer, substrate layer and vegetation layer. This results in an easy, less error prone and fast installation. Check out our installation instructions and video for more information.



Lightweight system: With a saturated weight of < 65 kg/m² ND re-GROW Sedum Cassettes are perfectly suited for lightweight constructions.



Integrated water buffer and drainage function: The ND re-GROW Sedum Cassettes combine water buffering and a drainage function in one product. The system can buffer up to 25 l/m². The design of the tray makes sure that excess water is safely drained into the roof outlets.



Easy to pick up: ND re-GROW Sedum Cassettes have a dimension of 400 x 600 mm with a height of 70 mm. They have two handles on the bottom of the cassette. This makes the cassettes easy to handle – when picking up, while placing and when lifting up again.



Low maintenance: For the best result, it is recommended to fertilize ND re-GROW Sedum Cassettes as shown in the fertilization scheme twice a year. Before fertilizing check the water outlet(s) and remove unwanted vegetation.

Technical information

Dimensions per cassette:
Approx. 600 x 400 x 70 mm

Cassettes per m²:
4.17 pcs.

Saturated weight:
approx. 15 kg per cassette; 63 kg per m²

Water buffering capacity:
approx. 6 l per cassette; 25 l/m²

Cassettes per pallet:
52 pieces packed on standard EURO pallet

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ND re-GROW Sedum Cassettes:

The fast and easy way to install a sedum green roof

1. Clean and check roof



Before starting the installation, clean the roof and check the waterproofing membrane for root resistance and potential defects. In case the roof also requires a roof edge, install the ND KL Separation and Roof Edge Profiles.

2. Protect waterproofing layer



If not root resistant, protect the waterproofing with the ND WSB-50 Root Barrier.

Otherwise, use the ND SV-300 Protective Geotextile.

3. Optional - Create vegetation free zones with the ND Separation and Roof Edge System



For best results, use the ND KL-80 Separation and Roof Edge Profiles to create vegetation free zones. Prefabricated *inner* and *outer* corners are available to create corners quickly. The corners and profiles can easily be connected with special click connectors.

Info: Always check local requirements for the exact requirements of vegetation free zones. We usually recommend a width of 50 cm.

4. Place the ND re-GROW Sedum Cassettes



Place the ND re-GROW Sedum Cassettes next to each other. When needed, the cassettes can be cut down to size with a saw.

5. Fill vegetation free zone



Fill the vegetation free zone with 16/32 gravel to a height of 5-7 cm.

6. Fertilize – Water – Done!



For the best result, fertilize with ND Plant Based Bio Fertilizer - Spring and water directly after.

The end result



As easy as the installation – our maintenance guide

In principle, extensive green roofs are low in maintenance. However, a little maintenance is still needed now and then. *Extensive* refers to the light maintenance that sedum, herbs, grasses and wild flowers require.

For the best result, it is recommended to fertilize twice a year. The other maintenance can be carried out immediately before fertilizing.

1. Remove unwanted vegetation



Remove all none-extensive vegetation to avoid any impact on the system.

2. Check / clean vegetation free zone



If there is vegetation in the vegetation free zone, remove it.

3. Check roof outlet(s)



Check roof outlet(s) and clean them if necessary. Use the ND Gutter Leaf Guard to keep the outlet free from dirt.

4. Fertilize and water



For best results, fertilize once in spring and once in autumn. Fertilize with the ND Plant Based Bio Fertilizers and use 50 g/m². Always water after fertilizing.



Fertilization scheme											
J	F	M	A	M	J	J	A	S	O	N	D
		Fertilize 1x with ND Plant Based Bio Fertilizer - Spring						Fertilize 1x with ND Plant Based Bio Fertilizer - Autumn			

A great way to nourish your green roof!

ND Plant Based Bio-Fertilizers

- ✓ **Spring and Autumn versions:** Our bio-fertilizers are tailored to the seasonal needs of the vegetation.
- ✓ **Natural and environmentally friendly choice:** Our vegan and organic fertilizers are produced from 100% vegetable material. Due to the high-quality fermentation and low-energy consumption are they CO₂ neutral, low in odor, cradle to cradle, do not pollute groundwater and contribute to a balanced eco-system.
- ✓ **Long lasting effect:** The ND Plant Based Bio Fertilizers are partially slow-release. 50-75% of the plant food is immediately available to the plants and the remaining 25-50% is released in 2 to 3 months.
- ✓ **Good for plant and soil:** In contrast to inorganic fertilizers, our ND Plant Based Bio Fertilizers nourish the plant and the soil. They ensure healthy soil life around the root and plant. Even with possible pH deviations of the substrate layer, the vegetation can absorb the nutrients through our bio-fertilizers.
- ✓ **Stable composition:** Different from animal based fertilizers, our plant based fertilizers can be adapted and composed very precisely to the needs of the vegetation per growing season.



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