

PRODUCT NAME: E-Extensiv

Product description: Extensive substrate



Extensiv Substrate is a low nutrient, spongy textured, volcanic origin plant growing medium that provides a rooting zone with good drainage and high water holding capacity, is used in 2-8 cm layers and is suitable for E-Sedum Light and E-Sedum Ready-Mix mulch or for seeding with Sedum cuttings/seedlings. Due to the special composition, it provides optimal aeration for the roots of the vegetation. The substrate is made of mineralised volcanic rock tuff, the granules have a blue-grey colour.

The substrate is adapted to the needs of the vegetation, provides optimal space for healthy plant growth and is produced in accordance with FLL (German Green Roof Standard).

ADVANTAGES

- Improves nutrient intake, growth and plant health.
- Ensures adequate pH for healthy plant growth.
- Due to its low weight, it can also be used in buildings with low load-bearing capacity.

PACKING

- Batch sizes: large bags of approx. 1.1 tonnes. 1.75 m³ (big bag) / 40 litre bags / silo / bulk

PROPERTIES

- Reduces temperature fluctuations, has heat attenuation capacity.
- Has water retention enhancing capacity, while being breathable.
- Provides stable structure for plant rooting.

INSTALLATION

- Should be laid in a uniform layer of 2-8 cm over the filter geotextile, or over special water retention layers.

TECHNICAL DATA SHEET

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Technical data		Unit	Tolerance	Standard
Material	unbound mineral aggregate			FLL
Dry bulk density	0.70	t/m ³		
Saturated bulk density	max. 1.35	t/m ³		
Grain size classification	0-10 Fraction below d < 0,063mm: max. 15% of total vol. Fraction between 3-10 mm: min 75% of total vol. Fraction above >10 mm: min 10 % of total vol.	mm		
Ph	7.5		±0.5	
Batch sizes	big bags / tonne bags / silo			
Organic material content	Max. 1	%		

Organic material content		Unit
K ₂ O content	min. 0.5	m/m%
Ca content	min. 0.1	m/m%
Mg content	min. 0.02	m/m%
Fe content	min. 0.2	m/m%
Na content	max. 1.0	m/m%
A1 content	max. 1.0	m/m%
As content	max. 10.0	mg/kg
Cd content	max. 2.0	mg/kg
Co content	max. 50.0	mg/kg
Cr content	max. 100.0	mg/kg
Ni content	max. 50.0	mg/kg
Pb content	max. 100.0	mg/kg
Se content	max. 5.0	mg/kg

The data are empirical values based on the current state of production and are subject to customary tolerances, but do not represent guaranteed properties. We reserve the right to make technical changes.

Last update: 12.03.2024.