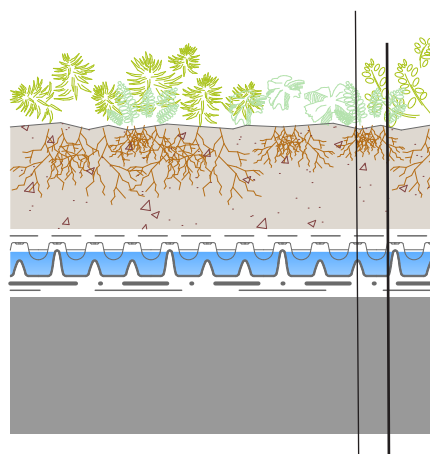


Growing media for extensive green roofs 410501

ADVANTAGES

- Heat damping capacity
- Rain water utilization, vaporization
- Light, thus applicable on most of the ceiling structures
- Improves the micro-climate
- Living space both for the nature and men



DIADEM® BUILD-UP

- DiaMat^{PRO} sedum mat
- extensive substrat (SEM) 4-15 cm
- VLF-150 separation and filter geotextile
- DiaDrain-25H drainage board
- VLU-300 mechanical protection geotextile
- root resistant waterproofing membrane
- additional layers



SPECIFICATION

Growing media for extensive green roofs with ETA-17/1015 certification, made of lightweight mineral aggregate with minimal organic matter content, conforms to FLL guidelines. It is an ideal growing media for Sedum, Sempervivum species and for wildflowers. Weight in case of WK_{max}: <1100 kg/m³.

Product: DIADEM® SEM
Producer's certificate: A.P.P. Kft.
Website: www.diadem.com



100% recyclable

APPLICATION

The growing media ensures the nutrients needed for the growth of plants, serves as a support to the roots, thus providing the ground of the growth of the vegetation. It includes mostly minerals, mixtures with proper air content, and durable good water permeability and stable structure.

TECHNICAL DATA

Laboratory bulk density (kg / m ³):	< 1100
Dry substance (%):	87
Max. Water capacity WK _{max} (Vol.%):	35 - 65
Organic matter content (g / l):	approx 11.9
Particle size distribution fraction d<0,063 mm (Vol. %):	8.9
Particle size distribution fraction d<4 mm (Vol. %):	73.1
Maximum particle size d _{max} (mm):	10 - 16
Water soluble salts (g / l):	< 3.5
pH:	7.0 - 8.0
Nitrogen (N) (mg / l):	5
Nitrogen (NH ₃ -N) (mg / l):	<5
Nitrogen (NH ₄ -N) (mg / l):	5
Phosphorus (P) (mg / l):	22
Potassium (K) (mg / l):	75
Magnesium (Mg) (mg / l):	150



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