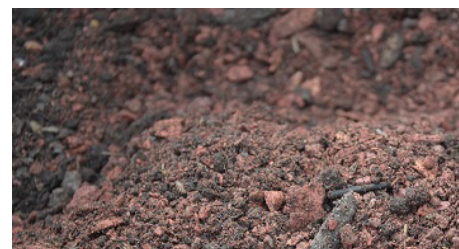


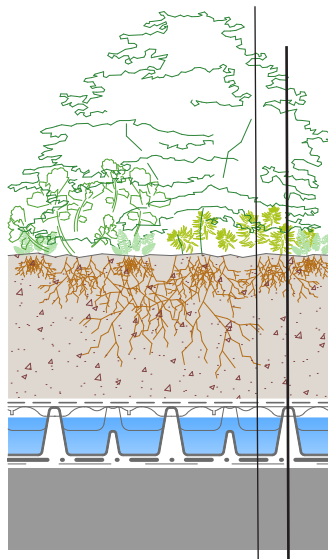
ADVANTAGES

- Heat damping capacity
- Rainwater utilization, evaporation
- Lightweight, thus applicable on most roof structures
- Improves the microclimate
- Living space for both nature and humans



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.



DIADEM® BUILD-UP

- intensive vegetation
- intensive substrate (SIM) from 50 cm
- VLF-200 separation and filter geotextile
- DiaDrain-60H drainage board
- VLF-110 separation and filter geotextile
- VLU-500 mechanical protection geotextile
- root-resistant waterproofing membrane
- additional layers



100% recyclable



SPECIFICATION

Lightweight growing medium made of mineral aggregate, designed in accordance with the FLL Green Roof Guidelines, for multi-layer intensive green roofs. Contains high-absorption additives and is primarily intended for shrubs and other woody plants.

Product: DIADEM® SIM 2.0
Producer's certificate: A.P.P. Kft.
Website: www.diadem.com

TECHNICAL DATA

Dry matter content (%):	92.0
Laboratory bulk density (g / l):	1001
Mass (kg / m³):	< 1600
pH value (H ₂ O):	7.6
Nitrogen (N) (mg / l):	10
Nitrate-nitrogen (NO ₃ -N) (mg / l):	10
Nitrogen (NH ₄ -N) (mg / l):	< 10
Phosphor (P) (mg / l):	16
Potassium (K) (mg / l):	438
Magnesium (Mg) (mg / l):	356
Particle size distribution d<0,063 mm (Vol. %):	14.7
Particle size distribution d>4 mm (Vol. %):	31.6
Maximum particle size d _{max} (mm):	30-35
Salt content % (m / m):	0.21



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