

SEM/SIM

410501; 410701

Growing media for extensive and intensive green roofs

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

SEM



SIM



SPECIFICATION

SEM

Delivery of lightened mixture of growing media of type SEM, including mostly unorganic grist, and their professional spreading for extensive green roofs with multi-layers, in bulk or in big-bag. It is ideal as cropland layer of different stonecrops, houseleeks and wild flowers. Saturated weight: <math><1100 \text{ kg/m}^3</math>; pH: 7,5-8,0.

SIM

Lightened mixture of growing media for intensive green roofs with multi-layers, including mostly unorganic grist mostly for shrubs, and other woody plants. The mixture includes admixtures of big absorption and loosening materials. Saturated weight: <math><1500 \text{ kg/m}^3</math>; maximum water retention: 45-65 Vol%; organic material content: 3-10 m%. Transportation: in bags, „Big-Bag“ fabric-container, in bulk.

Product: DIADEM® SEM / SIM
Manufacturer's certificate: APP Kft.
Website: www.diadem.com

PRODUCT DESCRIPTION

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

	SEM	SIM
Weight (saturated with water) (kg/m ³)	<1100	<1500
pH (CaCl ₂)	7,5-8,0	
Dredgingable part (d<0,063) (m%)	<15	<20
Water retaining capacity / Max. water capacity (Vol%)	35<math>VK_{max}<math><65</math>	45-65
Air content (besides max. water capacity) (Vol%)	>10	
Organic material content (g/l)	<65	<90
Salt soluble in water (g/l)	<3,5	<2,5
Nutrient N-P-K (mg/l)	40-200-700	-



APP Dachgarten GmbH, D-85049 Ingolstadt, Jurastrasse 21 • Tel.: +49 841 370 9496
DIADEM® APP Kft., H-9028 Győr, Fehérvári út 75. • Tel.: +36 96 512 910
info@diadem.com • www.diadem.com

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Green Up the Roof!

