

SIM

Engineered growing medium for intensive vegetated roofs.

410701

KEY FEATURES

- Engineered especially for use on intensive vegetated roofs.
- Estimated As Received Weight: 55.0 pounds per cubic foot.
- Contains locally sourced, sustainable ingredients and post-consumer recycled content.



APPLICATION

SIM lightweight medium is recommended for intensive vegetated roofs on structures with limited load bearing capacity.



SPECIFICATION

SIM is formulated according to rigorous European FLL Guidelines for particle size gradation, dry vs saturated bulk density, porosity, water retention, hydraulic conductivity, pH balance and organic matter content. SIM is a blend of screened sandy loam, fiber life, compost, pumice, paper fiber for friability, and plant essential nutrients. Weights provided are estimated, but Diadem is confident the weights shown accurately reflect the weight of the media. However, varying methods of product handling and installation, for example by blower truck, may affect the resulting installed weight.

TECHNICAL DATA

Bulk Density at Wmax: (lbs/cft)	71.3
Dry Bulk Density: (lbs/cft)	35.9
Ph (CaCl2):	5,5-8,0
Sediment (<0,0063): (%)	5.9
Total Porosity: (%)	72.0
Air filled Porosity at Wmax: (%)	17.0
Max. water capacity: (%)	55.0
Organic material content: (m%)	10.1
Water soluble minerals: (mmhos/cm)	0.20
Absorption capacity: (mmol/l)	> 140

Reviewed: 2016-04-20 12:21:49



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Green Up the Roof!