

# Semi-Intensive Media



Semi-Intensive green roofs require media with intermediate characteristics and attributes of both intensive and extensive green roof systems. We have specially developed this mix of lightweight mineral aggregates and organic components for semi-intensive green roof applications.

Our semi-intensive mix will compress when installed by approximately 10%. This must be taken into consideration when calculating total soil volume.

Media is a critical element of any green roof system and must be adjusted for regional conditions.

## FEATURES AND BENEFITS

- Extremely lightweight to minimize roof load
- Very low compaction (approx. 10% upon installation)
- Resistant to frost and fire
- Complies with all related ASTM and German FLL standards

## PRODUCT DATA

<b>Available Sizes</b>	1.5 ft <sup>3</sup> Bags 2CY Totes Bulk
------------------------	-----------------------------------------------

## TECHNICAL DATA

Properties	Units	Semi-Intensive Media	FLL* Guideline M.C. Semi-Intensive	Test Method
Particle Size Less Than 0.063mm	mass %	11.1	≤20	ASTM F-1632 Method B
Bulk Density (at max. water capacity)	lb/ft <sup>3</sup>	85.5	-	ASTM E-2399
	g/cm <sup>3</sup>	1.37	-	ASTM E-2399
Maximum Water Capacity	% volume	48	≥45	ASTM E-2399
Air-Filled Porosity (at max. water capacity)	% volume	11	≥10	ASTM E-2399
Permeability	in/min	1.12	≥0.012	ASTM E-2399
	mm/min	28.4	≥0.3	ASTM E-2399
pH (0.01 CaCl <sub>2</sub> )	-	7.7	5.5 - 8	ASTM D-4972 w CaCl <sub>2</sub>
Soluble Salts (SME/DTPA extraction)	mmhos/cm	0.4	<2.5	ASTM E-2399
Organic Matter	mass %	5.0	≤12	ASTM E-2399
Cation Exchange Capacity (CEC)	meq/100g	>10	-	**

\*Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau e.V. (FLL) Landscape Development and Landscaping Research Society, 2008

