



Product Data Sheet

Midwest Intensive Roof Media (ROOFTOP MEDIA)

What is Midwest Intensive Media:

Midwest Intensive is a growing medium for use in intensive green roof systems with a separate aggregate drainage course or synthetic drainage layer. Midwest Intensive is a precise formulation of light weight mineral aggregates and premium organic components, blended to meet the specific needs of intensive green roof systems and plant requirements. This product is designed to meet or exceed ASTM and/or FLL* guidelines.

Excellent for:

Intensive roof greening. Intensive green roofs have a typical media depth of 6-24 inches. These green roof systems usually include a lightweight aggregate drainage layer (LWA) or a synthetic drainage board or mat layer.

How to order:

Midwest Trading products are sold by loose volume and measured in cubic yards bulk, or bagged in 2 cy totes and 1.5 cf bags on pallets. When estimating Midwest Intensive, the required finished depth and area to cover is critical. Midwest Intensive will compress when installed by a factor of approximately 10%. This compression factor must be planned for when estimating your total soil volume needs.

Technical Data:

Particle Size less than 0.063mm (#230)	15%
Particle Size less than 0.25mm (#60)	5-15%
Particle Size less than 1.0mm (#18)	20-50%
Particle Size less than 3.2mm (1/8")	70-90%
Particle Size less than 9.5mm (3/8")	90-100%
Bulk Density (at max. water capacity)	<85 #/cf
Maximum Water Capacity	40-60%
Air-Filled Porosity (at max. water capacity)	>10%
Permeability	0.5-2.75 in/min
pH (0.01 CaCl ₂)	6-7.5
Soluble Salts (SME/DTPA extraction)	< 2.5 mmhos/cm
Organic Matter	6.0-10.0%
Cation Exchange Capacity	> 10

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

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