

Product Description

NL600 Growing Medium is a proprietary mixture of lightweight growing medium especially formulated for extensive vegetated roof applications with maximum diversity. This mix of mineral based materials and high organic matter is derived from lightweight aggregated and composted plant materials. It provides maximum water retention, increased soil microbial biodiversity, improved plant health, and strong rooting systems.



Properties		
Density Measurements	Unit	Values
Bulk Density (dry weight)	g/cm ³	0.60-0.90
Bulk Density (at maximum water capacity)	g/cm ³	1.10-1.4
Water and Air Management		
Total pore volume	vol %	50-70
Maximum water capacity	vol %	45-65
Air-filled porosity at max. water capacity	vol %	≥5
Water permeability (saturated hydraulic conductivity)	mm/min	5 - 50
pH and Salt Content		
pH (in CaCl ₂)		6.0 - 8.5
Organic Substances		
Organic matter content	vol %	≥10

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