

Product Description

NL600 Growing Medium is a proprietary mixture of lightweight growing media 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		FLL Requirements	Values
Bulk Density (dry weight)	g/cm ³	none	0.75-0.95
Bulk Density (at maximum water capacity)	g/cm ³	none	1.2-1.4
Water and Air Management			
Total porosity	vol %	none	40-50
Maximum water capacity	vol %	≥35≤65	40-60
Air content	vol %	≥10	≥10
Water permeability (saturated hydraulic conductivity)	mm/min	0.6-70	0.6-70
pH and Salt Content			
pH (in CaCl ₂)		6.0-8.5	6.0-7.0
Organic Substances			
Organic matter content	g/L	<65	70-80