

# LiteTop Aggregate

## DESCRIPTION

Round shaped material capable of enhancing the compressive strength of the drainage/ water retention panel, of enhancing the water retention and the porosity of the vegetative roof system, and of preventing the geotextile from soaking into the drainage/ water retention panel's cups.

## BASIC USE

Used in Garden Roof<sup>®</sup> system. The LiteTop aggregate promotes good drainage during periods of heavy rain and a slight water retention porosity. This water is available to plants planted on the surface during drought periods.



## INSTALLATION

Volume to fill (GR 30) calculate 0.012 m<sup>3</sup>/m<sup>2</sup> (0.04 ft<sup>3</sup>/ft<sup>2</sup>)

Volume to fill (GR 50) calculate 0.024m<sup>3</sup>/m<sup>2</sup> (0.08 ft<sup>3</sup>/ft<sup>2</sup>)

## TECHNICAL DATA

Density (moist)	0.80-1.00 g/cm <sup>3</sup>	Passing 12.5 mm sieve	100%
Density (saturated)	1.00-1.20 g/cm <sup>3</sup>	Passing 9.5 mm sieve	80-100%
Water retention capacity	> 15%	Passing 4.75 mm sieve	5-40%
Air capacity	> 30%	Passing 2.36 mm sieve	0-20%
Hydraulic conductivity	>60 cm/h	Passing 1.18 mm sieve	0-10%
pH	Neutral	Passing 0.080 mm sieve	0-10%

## LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	100	
Manufacture Location	Montreal, Toronto, Vancouver	
Extraction/Harvesting Location	N/A	
VOC Content (g/L)		

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