

LiteTop[®] Filter

DESCRIPTION

LiteTop[®] filter is a geotextile filter sheet, made of non-rotting, non-woven polypropylene fibers. It is made to be highly resistant to all natural acids and alkalis and chemically neutral. The non-woven fibers provide high water permeability.

BASIC USE

LiteTop[®] filter geotextile is applied directly to the Gardendrain[®] panels, in order to prevent clogging of the ventilation and drainage systems of the Gardendrain[®] panels by fine particles of the planting substrate.



INSTALLATION

- LiteTop[®] filter is to be unrolled over the entire roof area completely covering the Gardendrain[®] element, in both extensive and intensive landscape conditions.
- Adjacent rolls are to be lapped minimum of 300 mm (12 in), at end and side laps.
- Enough fabric, or separate strips, needs to be left at terminations, flashing details, and etc. so that it extend beyond the anticipated soil level. Excess can be trimmed down to the level of the soil once the soil is installed.

TECHNICAL DATA

	RESULTS	MIN.	MAX.	UNITS	METHOD	FREQUENCY
Total weight	119	110	-	g/sq m	ASTM D5261	Standard
Tension (MD)		401	-	N	ASTM D4632	Standard
Tension (CD)		401	-	N	ASTM D4632	Standard
Elongation at break	50	45	105	%	ASTM D4632	Standard
Tear (MD)	178	170	-	N	ASTM D4533	Standard
Tear (CD)	178	170	-	N	ASTM D4533	Standard
Permittivity		2.00	-	s-1	ASTM D4491	Standard
Rate of flow		6,095.00	-	1/min/sq m	ASTM D4491	Standard
AOS:		0.212		(70 U.S. Sieve) (mm)	ASTM D4751	Standard
CBR puncture		1.180		KN	ASTM 6241	Standard
UV resistance (500h)		70		%	ASTM D4355	Standard

DIMENSIONS

Format	Rolls					
Width	3.810	3.800	3.820	m	ASTM D461.9	Standard
Length	36.6	-	-	m	ASTM D461.8	Standard
Wrapping	Stretch wrap					

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Montreal, Québec.
Extraction/Harvesting Location		N/A
VOC Content (g/L)		0

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