

# Systemfilter®



A SIKA COMPANY

## GENERAL DESCRIPTION

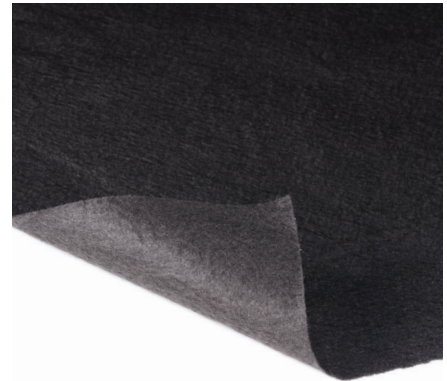
Systemfilter is a non-woven, needle punched, geotextile filter sheet made of non-deteriorating, polypropylene fibers. It is made to be highly resistant to all natural acids and alkalis and is chemically neutral.

## BASIC USE

Systemfilter is specifically designed to be used as a filter fabric over the Gardendrain® elements in Hydrotech’s Garden Roof® Assemblies.

## SIZES

Systemfilter is available in rolls of 12.5 ft X 120 ft (3.8 m X 36.6 m) with 1,368.5 ft<sup>2</sup> of effective coverage.



## INSTALLATION

- Systemfilter shall be installed as indicated in Hydrotech’s Garden Roof Installation Guidelines.

## TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
WEIGHT	ASTM D5261	3.5 oz/yd <sup>2</sup> (119 g/m <sup>2</sup> )
FLOW RATE	ASTM D4491	150 gal/min/ft <sup>2</sup> (6,095 l/min/m <sup>2</sup> )
PERMITTIVITY	ASTM D4491	2.0 sec <sup>-1</sup>
TENSILE STRENGTH	ASTM D4632	90 lb (401 N)
ELONGATION	ASTM D4632	50%
MULLEN BURST	ASTM D3786	185 lb/in <sup>2</sup> (1,275 kPa)
PUNCTURE STRENGTH	ASTM D4833	60 lb (267 N)
TRAPEZOIDAL TEAR	ASTM D4533	40 lb (178 N)
APPARENT OPENING	ASTM D4751	50 (0.3 mm)

## LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	5 (pi)	
Manufacture Location		Athens, GA
Extraction/Harvesting Location		Garyville, LA
VOC Content (g/L)		0

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