

# SOPRANATURE SOPRAFILTRE

TECHNICAL DATA SHEET 230707SCANE

(supersedes 221103SCANE)



VEGETATIVE SOLUTION

APPLICATIONS

ROOFS

PLAZA-DECKS

## DESCRIPTION

SOPRAFILTRE is a fabric made of a non-woven needle punched polypropylene and polyester fibers. SOPRAFILTRE is used as filter cloth or as separation sheet in protected membrane roofing systems and also in SOPRANATURE green roofs, roof gardens and plaza-decks. SOPRAFILTRE meets GREENGUARD GOLD certification.

## INSTALLATION

Unroll SOPRAFILTRE loose laid on the surface and ensure minimal overlaps of 305 mm (12 po) at longitudinal and transversal joints.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

## PACKAGING

Specifications	SOPRAFILTRE
Materials	Polypropylene / Polyester
Colour	Grey
Thickness	1 mm (39.4 mil)
Dimensions	3.5 x 150 m (11.5 x 492 ft) 1.5 x 75 m (5.75 x 246 ft)
Net area	525 m <sup>2</sup> (5658 ft <sup>2</sup> ) 131 m <sup>2</sup> (1412 ft <sup>2</sup> )
Roll weight	86.6 kg (189.6 lb) 21.6 kg (49.3 lb)

(All values are nominal)

## PROPERTIES

Properties	Standards	SOPRAFILTRE
Total weight	ASTM D5261	165 g/m <sup>2</sup> (0.034 lb/ft <sup>2</sup> )
Thickness	ASTM D5199	1 mm (39.4 mil)
Ultimate elongation	CAN/ONGC-148.1 (No.7.3)	40-100 %
Breaking strength, typical/minimum	CAN/ONGC-148.1 (No.7.3)	500/450 N (112/101 lbf)
Trapezoidal tear, typical/minimum	CAN/ONGC-4.2 (No.12.2)	230/210 N (52/47 lbf)
Mullen burst, typical/minimum	CAN/ONGC-4.2 (No.11.1)	1500/1350 kPa (218/196 psi)
Permeability	CAN/ONGC-148.1 (No.4)	1.4 mm/sec (55 mil/sec)
Filtration opening size FOS	CAN/ONGC-148.1 (No.10)	90-120 microns (3.5-4.7 mil)

(All values are nominal)



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