

SOPRANATURE SOPRAFILTRE



VEGETATIVE SOLUTION

APPLICATIONS

ROOFS

PLAZA-DECKS

TECHNICAL DATA SHEET 190206SCANF

(supersedes 181017SCANF)

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.

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 ² (5658 ft ²) 131 m ² (1412 ft ²) |
| Roll weight | 94 kg (207 lb) 23.6 kg (52 lb) |

(All values are nominal)

PROPERTIES

| Properties | Standards | SOPRAFILTRE |
|------------------------------------|-------------------------|---|
| Total weight | ASTM D5291 | 80 g/m ² (0.016 lb/ft ²) |
| 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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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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