

SOPRANATURE[®] SOPRAFILTER

Geotextile Separation Sheet



APPLICATIONS

VEGETATED

PRODUCT DATA SHEET PDS10423 - REV 240306

PRODUCT NUMBERS:

- 23213 - 5.75 x 246 ft (1.75 x 75 m) - Roll
- 21150 - 11.5 x 492 ft (3.5 x 150 m) - Roll

DESCRIPTION & FEATURES:

SOPRANATURE SOPRAFILTER is a fabric made of a non-woven needle punched polypropylene and polyester fibers. **SOPRANATURE SOPRAFILTER** 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.

APPLICATION:

Unroll **SOPRANATURE SOPRAFILTER** onto the designated surface and overlap joints a minimum of 12 inches (305 mm). If left exposed spray surface with water to weigh down material before application of growing media.

Refer to SOPREMA's published technical literature for additional details and application requirements.

STORAGE:

Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

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TECHNICAL INFORMATION & TESTING:

DIMENSION & MASS		
PROPERTY	VALUE	
Material	Polypropylene	
Length , ft (m)	492 (150)	246 (75)
Width , ft (m)	11.5 (3.5)	5.75 (1.75)
Thickness , mil (mm)	39.4 (1.0)	39.4 (1.0)
Coverage , ft ² (m ²)	5,658 (525)	1,412 (131)
Coverage per pallet , ft ² (m ²)	-	21,180 (1,968)
Roll weight , lb (kg)	207 (94)	52 (23.6)
Rolls per pallet	1	15

PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM
Dry weight (typical) , lb/ft ² (g/m ²)	0.016 (80.2)	D5291
Tensile strength , (minimum), lbf (N)	112/101 (500/450)	D4632
Ultimate elongation , %	40 - 100	D4632
Trapezoidal tear , (minimum), lbf (N)	52/47 (230/210)	D4533
Permeability , mil/sec (mm/sec)	55 (1.44)	D4491
Filtration opening size FOS , mil (microns)	3.5-4.7 (90-120)	D4751

Data is represented by average values, unless noted otherwise.