

SOPRADRAIN FILTRE 500

TECHNICAL DATA SHEET

ANZ-TDS-SOPRADRAIN-FILTRE-500



ACCESSORY
PRODUCTS

APPLICATIONS

ROOFS

FOUNDATIONS

DESCRIPTION

SOPRADRAIN FILTRE 500 is a drainage and protection sheet produced from high density polyethylene (HDPE) with dimples 8 mm deep and a filtration layer of geotextile (PP) bonded on the top.

METHOD OF APPLICATION

- Install as a loose-laid drainage layer.
- Ensure geotextile layer faces the soil side to provide filtration and prevent clogging

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

PACKAGING

SPECIFICATIONS	SOPRADRAIN FILTRE 500
Material	High Density Polyethylene (HDPE)
Filtration Layer	Polypropylene (PP) Geotextile
Sheet Colour	Brown or Black
Dimple Height	8mm
Roll Dimensions and Areas	2m x 20m (40m ²) 2.40m x 20m (48m ²)
Roll Area	48m ²
Shelf Life	5 years
Storage Conditions	Store in original unopened packaging in cool, dry condition. Protect from direct sunlight, rain, snow, and ice.

PROPERTIES

PROPERTIES	Test Standard	Value
Thickness	EN ISO 9863-1	8.0 ± 0.8 mm
Dimpled Sheet Mass	EN 9864	500 ± 25 g/m ²
Geotextile Mass	EN 9864	100 ± 15 g/m ²
Compression Resistance		200 ± 40 kPa
Tensile Strength (MD/CD)	EN 10319	10 (-2) kN/m
Elongation (MD/CD)	EN 10319	50 ± 12.5 %



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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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DRAINAGE PERFORMANCE

APPLICATION	Test Condition	Flow Capacity
Horizontal	20 kPa (S/R, i = 0.04)	0.30 L/(m·s) ±20%
Vertical	20 kPa (S/R, i = 1)	1.9 L/(m·s) ±20%

(All values are nominal)

SERVICE CONDITIONS

PROPERTY	Value
Installation Temperature	+5°C to +45°C
Maximum Water Temperature	+30°C
Maximum Installation Depth	5 m

(All values are nominal)

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative or the contractor is responsible for checking the suitability of products for their intended use.

Note: Field service where provided, does not constitute supervisory responsibility. Suggestions made by Soprema Australia Pty Ltd either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they are responsible for



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