



ACCESSORY
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SOPRADRAIN FILTRE 1000

TECHNICAL DATA SHEET

ANZ-TDS-152-SOPRADRAIN-FILTRE-1000

DESCRIPTION

SOPRADRAIN FILTRE 1000 is a high-density polyethylene (HDPE) dimple drainage membrane with a thickness of 20 mm, bonded to a polypropylene (PP) filter geotextile. The product is designed to provide drainage, filtration, and protection functions in geotechnical and civil engineering applications. It offers high compression resistance, efficient in-plane water flow capacity, and filtration performance.

APPLICATIONS

- Foundation and basement wall drainage systems.
- Retaining wall drainage.
- Underground structures requiring drainage and protection.
- Landfill and environmental protection projects.
- Green roofs and landscaping drainage layers.
- Tunnel and buried structure drainage.
- Civil engineering works requiring filtration, separation, and drainage functions.
- Protection of waterproofing membrane

METHOD OF APPLICATION

- Ensure the substrate is stable, clean, and free from sharp projections that may damage the membrane.
- Verify that waterproofing systems, where applicable, are fully cured and approved for covering.
- Place the membrane with the geotextile side facing the soil or backfill material.
- Position the dimpled HDPE core against the structure or waterproofed surface.
- Install sheets vertically or horizontally as required by the project design.
- Overlap adjoining sheets sufficiently to maintain drainage continuity and prevent soil intrusion.
- Ensure drainage outlets and collector pipes are installed at the base of the system to allow free discharge of water.
- Backfill carefully to avoid displacement or damage to the drainage layer.

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

PROPERTIES

PROPERTIES	Value
Drainage Core Material	HDPE
Geotextile Material	PP
Core Thickness	20 mm
Compression Resistance	150 kN/m ²
Geotextile Weight	100 g/m ²
Core Weight	1000 g/m ²
Plane Flow Capacity (20 kPa, i=1)	10 l/(m·s)
Standard Roll Width	2m
Standard Roll Length	10 m



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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 carrying out procedures appropriate to a specific application.



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