

# SOPRADRAIN™ 102

High-Strength, High-Flow Drainage System



APPLICATIONS

WATERPROOFING

VEGETATED

PRODUCT DATA SHEET PDS10334 - REV 240122

## PRODUCT NUMBERS:

- W888 - **SOPRADRAIN 102** - non-woven filter fabric and polyethylene core
- W813 - **SOPRADRAIN 102PF** - non-woven filter fabric and polyethylene core with a protective polymeric film

## DESCRIPTION & FEATURES:

**SOPRADRAIN 102** and **SOPRADRAIN 102 PF** are versatile workhorses that deliver first-rate protection for waterproofing systems. Faced with a woven fabric layer, these high-density drainage panels filter out dirt and sand particles to provide free-flowing drainage. Controlling the flow of hydrostatic water pressure creates dryer, lighter soil loads reducing stress on walls, floors, and waterproofing membranes. **SOPRADRAIN 102** can serve as a drainage layer in planters and vegetated roof systems. **SOPRADRAIN 102** is also available as **SOPRADRAIN 102 PF**, which has a polymeric film on the back side to protect your waterproofing membranes.

- Combines drainage, protection and filtration in one product
- Easily conforms to irregular shapes and corners
- Lightweight and easy to handle
- Provides a thin profile for tight construction assemblies

## APPLICATION:

Unroll **SOPRADRAIN 102** and cut to desired length. Ensure fabric is adhered at all joints and fold any excess fabric at ends under the core.

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

## STORAGE:

Store rolls in an upright position to prevent damage, do not double stack pallets. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Ballast down during installation to prevent loss of product.

## WARRANTY:

For more information refer to [www.SOPREMA.us](http://www.SOPREMA.us) or contact your SOPREMA representative.

## SUSTAINABILITY



RECYCLED CONTENT  
POST-CONSUMER

50%

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## TECHNICAL INFORMATION & TESTING:

DRAINAGE CORE		
PROPERTY	VALUE	ASTM
<b>Material</b>	Polypropylene	-
<b>Thickness</b> , in (mm)	0.40 (10.16)	D1777
<b>Compressive strength</b> , psf (kPa) <sup>2</sup>	>15,000 (718.0)	D1621
<b>Flow capacity</b> , gal/min/ft (l/min/m)	21 (260)	D4716

FILTER FABRIC		
PROPERTY	VALUE	ASTM
<b>Material</b>	Polypropylene	-
<b>Grab strength</b> , lb	100.0 (0.445)	D4632
<b>Flow rate</b> , gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> )	140.0 (5,704.0)	D4491

DIMENSION & MASS	
PROPERTY	VALUE
<b>Length</b> , ft (m)	50 (15.24)
<b>Width</b> , ft (m)	4 (1.22)
<b>Coverage</b> , ft <sup>2</sup> (m <sup>2</sup> )	200 (18.6)
<b>Roll weight</b> , lb (kg)	39 (17.7)
<b>Rolls per pallet</b>	7

Data is represented by average values, unless noted otherwise.