

# SOPRADRAIN™

## ECOVENT 2

SOPRADRAIN™ ECOVENT 2  
PRODUCT # W707

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

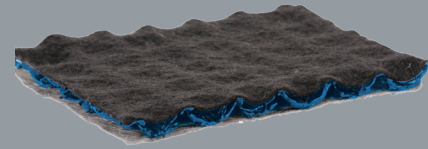
SOPRADRAIN Ecovent 2 is a geometrically patterned core drainage mat designed to eliminate hydrostatic pressure on vegetated roofs, foundation walls, retaining walls, planter and plaza decks while providing a protection fabric for the waterproof membrane. The underside is surfaced with a heat-laminated protective fabric, and the topside is surfaced with a heat-laminated filter fabric.

### STORAGE & HANDLING

Store product in a clean dry location and cover as necessary to protect from environmental damage such as extreme cold, heat, or moisture. Ballast product down during installation to prevent loss of product.

### APPLICATION

Unroll SOPRADRAIN Ecovent 2 onto the designated surface with the filter fabric facing up. Overlap joints a minimum of 6" at the lap.



### QUICK FACTS

LENGTH (ft)	WIDTH (in)	DIAMETER (in)	ROLL WEIGHT (lb)	AREA (ft <sup>2</sup> )
100.0 (30.5 m)	48 (122.0 cm)	27.0 (68.6 cm)	64.2 (29.1 kg)	399.6 (37.1 m <sup>2</sup> )



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TECHNICAL INFORMATION & TESTING

**PHYSICAL PROPERTIES**

PROPERTY	VALUE
Core material	Polypropylene
Thickness, in (mm)	0.50 (12.7)
Compressive Strength, psf (kPa)	>30,000 (1436)
Core weight, oz/yd <sup>2</sup> (g/m <sup>2</sup> )	16.0 (543.0)
Fabric weight @ 1 fabric, oz/yd <sup>2</sup> (g/m <sup>2</sup> )	4.0 (152.6)
Fabric flow rate, gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> )	120.0 (4887.0)

**FLOW RATES**

PRESSURE	1.0 GRADIENT	0.5 GRADIENT	0.2 GRADIENT
250 psf	20.2 gal/min/ft	13.6 gal/min/ft	7.7 gal/min/ft
500 psf	18.1 gal/min/ft	12.4 gal/min/ft	7.3 gal/min/ft
1000 psf	17.9 gal/min/ft	12.2 gal/min/ft	7.2 gal/min/ft
2000 psf	16.8 gal/min/ft	16.8 gal/min/ft	11.2 gal/min/ft
3000 psf	12.9 gal/min/ft	7.9 gal/min/ft	4.9 gal/min/ft
3600 psf	8.6 gal/min/ft	4.7 gal/min/ft	2.8 gal/min/ft
5000 psf	3.8 gal/min/ft	2.5 gal/min/ft	1.3 gal/min/ft
8000 psf	1.7 gal/min/ft	1.0 gal/min/ft	0.5 gal/min/ft

Typical flow vs. pressure for vertical applications (ASTM D 4716) Sample configuration: Plate/SOPRADRAIN ECO-2/Plate  
(Values are average of machine direction and cross machine direction test results.)