

# SOPRADRAIN™ 100

High-strength, high-flow drainage system

## DESCRIPTION

SOPRADRAIN 100 is a versatile workhorse that delivers first-rate protection for waterproofing systems. Faced with a woven fabric layer, this high-density drainage panel filters 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 100 can serve as a drainage layer in planters and vegetated roof systems.



Drainage membrane detail

## PHYSICAL PROPERTIES

### Drainage Core

PROPERTY	VALUE	ASTM
<b>Material</b>	Polypropylene	-
<b>Thickness;</b> in (mm)	0.40 (10.16)	D 1777
<b>Compressive Strength;</b> psf (kPa)	> 11,000 (527)	D 1621
<b>Flow Capacity;</b> gal/min/ft (L/min/m)	18 (223)	D 4716

### Filter Fabric

PROPERTY	BLACK	ASTM
<b>Material</b>	Polypropylene	-
<b>Grab Strength;</b> lb	100.0	D 4632
<b>Flow Rate;</b> gal/min/ft <sup>2</sup> (L/min/m <sup>2</sup> )	140.0 (5,704.0)	D 4491

## PRODUCT INFORMATION\*

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)	38 (17.0)
<b>Rolls per Pallet</b>	7

\*Additional widths available through special order only.

## STORAGE & HANDLING

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.

For more information and application instructions  
contact Performance Roof Systems Technical Services.