

SOPRADRAIN™ 100

SOPRADRAIN™
100
PRODUCT #
W887

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

SOPRADRAIN 100 is composed of a light weight impermeable polymeric sheet forming a high flow dimpled drainage layer that is fused to a non-woven filter fabric with a 4" lap edge. SOPRADRAIN 100 is designed to provide hydrostatic relief by retaining soil particles and concrete allowing filtered water to pass into the drainage core. Collected water is then transported to the appropriate collection system. SOPRADRAIN 100 may be used as a drainage layer in planters, vegetated roof systems, bridge abutments, basement foundations and retaining walls.

STORAGE & HANDLING

Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Store rolls on end to avoid creasing the material. Do not stack other heavier pallets of material on top of product to avoid crushing the rolls.

APPLICATION

Unroll SOPRADRAIN 100 and cut to desired length. Ensure fabric is adhered at all joints and fold any excess fabric at ends under the core.



QUICK FACTS

LENGTH (ft)	WIDTH (ft)	ROLL WEIGHT (lbs)
50.0 (15.24 m)	4.0 (1.22 m)	38.0 (17.0 kg)

*Additional widths available through special order only.



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TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM
Core material	polypropylene	-
Thickness, in (mm)	0.40 (10.16)	D1777
Flow rate of the filter fabric, gal/min/ft ² (l/min/m ²)	140.0 (5704.0)	D4491
Tensile strength, lbs (kN)	100.0 (0.445)	D4632
Compressive strength, psf (kNm ²)	11,000 (527.0)	D1621
Flow capacity of the core (hydraulic gradient=1), gal/min/ft (l/min/m)	18 (223)	D4716