

SITEDRAIN™ STRIP 6000 SERIES

americanwick.com

PREFABRICATED STRIP DRAINS

PRODUCT OVERVIEW

SITEDRAIN Strip 6000 Series prefabricated soil drains are constructed by fully wrapping a perforated, high flow capacity polystyrene core with a nonwoven filter fabric. The filter fabric is bonded to the core and prevents soil intrusion into the flow channels while allowing water to freely enter the drain core from all sides.



SITEDRAIN Strip 6000 Series products are a cost-effective, sustainable, performance driven alternative to perforated pipe & stone systems. SITEDRAIN Strip 6000 Series products are available with filter fabrics meeting AASHTO M 288-06 specifications.

Typical Property Values	ASTM Test Method	Unit of Measure	6000	6400	6600	6800
FABRICs						
Material ¹			PP	PP	PP	PP
Water Flow Rate	D 4491	gpm/ft ²	150	150	110	90
		Lpm/m ²	6,113	6,113	4,483	3,668
Grab Tensile Strength	D 4632	lbs	115	130	160	205
		N	512	578	712	912
CBR Puncture Resistance	D 6241	lbs	320	360	450	600
		kN	1.41	1.55	2.00	2.66
Apparent Opening Size	D 4751	sieve	70	70	70	80
		mm	0.21	0.21	0.21	0.18
Permittivity	D 4491	sec ⁻¹	2.2	2.1	1.8	1.3
Grab Elongation	D 4632	%	70	70	70	70
UV Resistance	D 4355	% / 500 Hrs	70	70	70	70
AASHTO M 288-06 ²	Survivability	-	-	Class 3	Class 2	Class 1
CORE						
Material ¹			HIPS	HIPS	HIPS	HIPS
Thickness	D 1777	in	1.0	1.0	1.0	1.0
		mm	24.4	24.4	24.4	24.4
Compressive Strength	D 1621	psf	6,000	6,000	6,000	6,000
		kPa	287	287	287	287
Flow Rate ³	D 4716	gpm/ft	21	21	21	21
		Lpm/m	261	261	261	261
¹ - PP = Polypropylene; HIPS = High Impact Polystyrene ² - AASHTO Designation: M 288-06 Standard Specification for Highway Applications; American Association of State Highway and Transportation Officials, 2006. Geotextile survivability classification from installation stresses in subsurface drainage applications. ³ - In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 0.1.						

All technical information contained in this document is accurate as of time of publishing. AWD reserves the right to make changes to products and literature without notice. Please refer to our website for the most current technical information available. Unless otherwise stated, all physical and performance properties listed are Typical Values as defined in ASTM D 4439.



ESR-1107

American Wick Drain Corporation has received confirmation from ICC Evaluation Service, Inc., (ICC-ES), that its SITEDRAIN Strip Drain complies with the provisions of the International Building Code (IBC) and International Residential Code (IRC). This confirmation, as evidenced by ICC-ES #1107, provides guidance to code officials faced with approving the use of SITEDRAIN Strip Drain under these codes. The evaluation report is available on line at www.icc-es.org.

