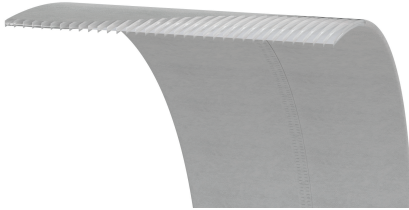


AMERDRAIN PVD 408

PREFABRICATED VERTICAL DRAIN / PVD / WICK DRAIN



PRODUCT OVERVIEW



AMERDRAIN PVD 408 wick drain is a widely used and accepted high-performance PVD design for accelerated consolidation of soft or yielding soils due to excess pore water pressure.

AMERDRAIN PVD 408 is a two-part prefabricated soil drain consisting of a formed polypropylene core covered with a spunbonded nonwoven polypropylene geotextile filter fabric. The geotextile allows water to pass into the drain core while restricting the movement of soil particles which might otherwise clog the core.

PROPERTY ¹	TEST METHOD	UNIT OF MEASURE	Typical Value	MARV
GEOTEXTILE				
Material ²			PP, SBNW	PP, SBNW
Grab Tensile Strength	ASTM D4632	lbs	150	130
		N	667	578
Grab Elongation	ASTM D4632	%	50	50
CBR Puncture	ASTM D6241	lbs	295	276
		N	1,312	1,228
Trapezoidal Tear	ASTM D4533	lbs	70	60
		N	310	290
UV Resistance	ASTM D4355	% / 500 Hrs	70	70
Apparent Opening Size (AOS) ³	ASTM D4751	sieve	80	60
		mm	0.180	0.250
Permittivity	ASTM D4491	sec ⁻¹	1.0	0.8
Water Flow Rate	ASTM D4491	gpm / ft ²	70	60
		Lpm / m ²	2,850	2,444
CORE				
Material ²			PP	-
Tensile Strength	ASTM D4595	lbs	225	-
		N	1,001	-
COMPOSITE				
Tensile Strength	ASTM D4595	lbs	620	-
		N	2,758	-
Discharge Capacity	ASTM D4716 ⁴	gpm	1.6	-
		lpm	6	-
Available Roll Sizes	AWD Item Code	Dimensions	Roll Width x Roll Length	Weight (lbs)
	14130	in x ft	4 x 1,050	52
		mm x m	102 x 320	

¹ Minimum Average Roll Value (MARV) and Typical Value as defined in ASTM D4439.

² PP = Polypropylene; SBNW = Spunbonded Nonwoven

³ AOS MARV = Maximum Average Roll Value (MaxARV).

⁴ Tested at Normal Load = 6,000psf & Hydraulic Gradient = 1.0

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