

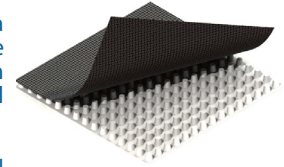
AMERDRAIN® 600/650

PREFABRICATED SHEET DRAIN

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AMERDRAIN 600/650 prefabricated sheet drains are constructed using a formed polystyrene core with a filter fabric bonded to one side. The filter fabric is bonded to each dimple to prevent intrusion into the core flow channels while allowing water to freely enter the drain core. The core provides an uninterrupted path for water to flow to designated drainage exits. AMERDRAIN 600/650 is designed to withstand the additional stress demands associated with horizontal applications.



AMERDRAIN 600 is constructed using a nonwoven filter fabric for standard soil applications. AMERDRAIN 650 is constructed using a high strength woven monofilament filter fabric to create a strong bridge to eliminate intrusion of the fabric into the flow channel under load. Woven filter fabrics are better suited to receive concrete pours and provide excellent filtration for the organic soils used in planter applications.

PACKAGING

- » 4' x 50' Rolls
- » 6 Rolls per pallet

AMERDRAIN 600/650 products are typically recommended for plaza decks, parking decks, split slab construction and planter applications.

TECHNICAL DATA			600	650
Physical Properties	ASTM Test Method	Unit of Measure	Typical Value	Typical Value
FABRIC				
Material ¹			PP	PP
Water Flow Rate	D-4491	gpm/ft ²	165	160
		Lpm/m ²	6,724	6,520
Grab Tensile Strength	D-4632	lbs	100	410 x 220
		N	445	1,824 x 979
Puncture Resistance	D-4833	lbs	65	105
		N	289	467
Apparent Opening Size	D-4751	sieve	70	45
		mm	0.21	0.35
Grab Elongation	D-4632	%	65	15
UV Resistance	D-4355	% / 500 Hrs	70	90
CORE				
Material ¹			HIPS	HIPS
Thickness	D-1777	in	0.44	0.44
		mm	11	11
Compressive Strength	D-1621	psf	18,000	18,000
		kPa	862	862
Installed Horizontal Flow Rate ²	D-4716	gpm/ft	4.1	4.1
		Lpm/m	51	51
Maximum Flow Rate ²	D-4716	gpm/ft	21	21
		Lpm/m	261	261
Recycled Content			78%	67%
¹ - PP = Polypropylene; HIPS = High Impact Polystyrene ² - Flow rates tested @ 3600 psf (172 kPa) compressive load. Installed horizontal flow with concrete sand overburden tested at a hydraulic gradient of 0.05. Maximum in-plane flow rate tested at a hydraulic gradient of 1.0				

All information, drawings and specifications are based on the latest product information available at the time of printing. Constant improvement and engineering progress make it necessary that we reserve the right to make changes without notice. All physical properties are typical values unless otherwise stated. Standard variations in mechanical properties of 10% and in hydraulic properties of 20% are normal.



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