

AMERDRAIN® 500/520

PREFABRICATED SHEET DRAIN



PRODUCT OVERVIEW

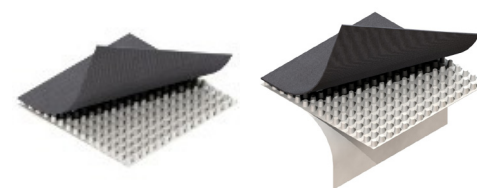
AMERDRAIN 500/520 sheet drain is a prefabricated sheet drain consisting of a formed high impact, molded polystyrene core covered with a nonwoven polypropylene filter fabric. The filter fabric is bonded to each dimple and prevents soil particles from entering the flow channels while allowing water to freely enter the drainage core from one side. The collected water flows to designated exits. AMERDRAIN 500/520 is designed for sub-surface, single-side vertical applications requiring high-flow capacity and high compressive strength. AMERDRAIN 500/520 also functions as a protection course to waterproofing membranes.

AMERDRAIN 520 provides additional protection for soft waterproofing membranes. The high-strength polymeric film is bonded to the flat side of the drainage core to prevent membrane intrusion into the back of the dimple.

TECHNICAL DATA			500 / 520
Physical Properties	ASTM Test Method	Unit of Measure	Typical Value
FABRIC			
Material ¹			PP
Water Flow Rate	D-4491	gpm/ft ²	165
		Lpm/m ²	6,724
Grab Tensile Strength	D-4632	lbs	100
		N	445
Puncture Resistance	D-4833	lbs	65
		N	289
Apparent Opening Size	D-4751	sieve	70
		mm	0.21
Grab Elongation	D-4632	%	65
UV Resistance	D-4355	% / 500 Hrs	70
CORE			
Material ¹			HIPS
Thickness	D-1777	in	0.44
		mm	11.0
Compressive Strength	D-1621	psf	15,000
		kPa	718
Flow Rate ²	D-4716	gpm/ft	17
		Lpm/m	211
Recycled Content			77% / 74%

1- PP = Polypropylene; HIPS = High Impact Polystyrene
 2 - In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and 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.

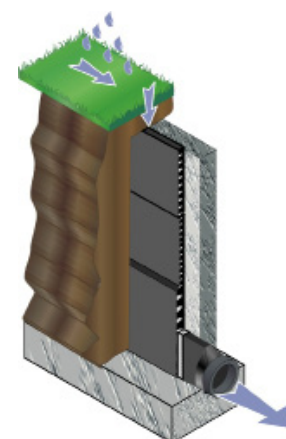


500

520

PACKAGING

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



COLLECTION SYSTEMS

AMERDRAIN Total- Drain can be used with the AMERDRAIN sheet drains to provide a more efficient collection and transportation system to direct collected water to designated drainage exits.



AWD
 AMERICAN WICK DRAIN

1209 Airport Road, Monroe, NC 28110
 TF 800.242.WICK • PH 704.238.9200
 FX 704.238.0220 • info@americanwick.com



RECYCLED
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