

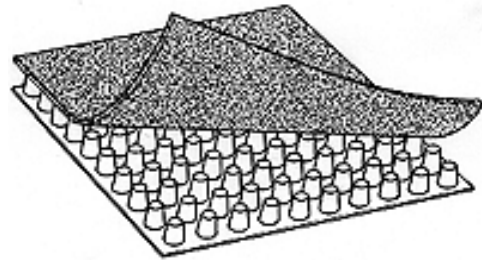
# AMERDRAIN® 652

## Soil sheet drain and protection board

**AMERDRAIN 652** sheet drain is designed primarily for horizontal installations requiring high compressive strength and flow capacity, and where filtration properties of a non-woven geotextile are adequate.

**AMERDRAIN 652** drain is a two-part prefabricated soil sheet drain and protection board consisting of a formed polystyrene core covered on one side with a non-woven, needle-punched polypropylene filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core. The core allows water flow to designed exits.

**Full-coverage protection** is provided to waterproofing materials.



Typical Properties	American	SI	Test Method
<b>Fabric properties</b>			
Material	Polypropylene	Polypropylene	
Weight	8 oz/yd <sup>2</sup>	270 gm/m <sup>2</sup>	ASTM D3776
Grab tensile strength	230 lbs	1020 N	ASTM D4632
Puncture strength	162 lbs	720 N	ASTM D4833
Trapezoidal tear	127lbs	565 N	ASTM D4533
Mullen burst strength	695 psi	4730 kPa	ASTM D3786
Elongation at break	50%	50%	ASTM D4632
AOS	100 sieve	150 micron	ASTM D4751
Permittivity	0.20 cm/sec	0.20 cm/sec	ASTM D4491
Flow rate	80 gpm/ft <sup>2</sup>	3250 lpm/m <sup>2</sup>	ASTM D4491
<b>Core Properties</b>			
Material	Polymeric	Polymeric	
Compressive strength	21,000 lbs/ft <sup>2</sup>	1025 kN/m <sup>2</sup>	ASTM D4632
<b>Product properties</b>			
Flow capacity per unit width	16 gpm/ft	200 lpm/m	ASTM D4716
Thickness	7/16 inch	11mm	
Roll length	104 ft	31.7 m	
Roll width	4 ft	1.22 m	
Roll weight	104 lbs	47 kg	

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



## **AMERICAN WICK DRAIN CORPORATION**

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