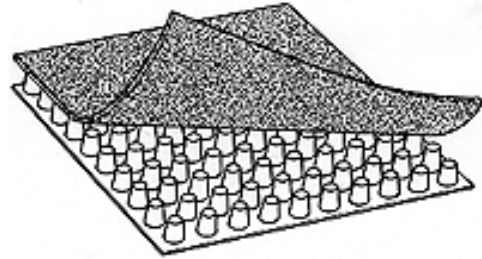


AMERDRAIN® 650

Soil sheet drain and protection board

AMERDRAIN 650 sheet drain is designed for horizontal applications requiring high compressive strength, high flow capacity, and the strength and filtration properties of a woven geotextile.

AMERDRAIN 650 drain is a two-part prefabricated soil sheet drain and protection board consisting of a formed polystyrene core covered on one side with a woven 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
Fabric properties			
Material	Polypropylene	Polypropylene	
Grab tensile strength	365 x 200 lbs	1620 x 890 N	ASTM D4632
Puncture strength	105 lbs	470 N	ASTM D4833
Trapezoidal tear	115 x 75 lbs	510 x 330 N	ASTM D4533
Mullen burst strength	480 psi	3304 kPa	ASTM D3786
Percent open area	10%	10%	COE-22125-86
AOS	40 sieve	380 micron	ASTM D4751
Permittivity	1.36 sec ⁻¹	1.36 sec ⁻¹	ASTM D4491
Permeability	0.092 cm/sec	0.092 cm/sec	ASTM D4491
Flow rate	100 gpm/ft ²	4074 lpm/m ²	ASTM D4491
Core properties			
Material	Polystyrene	Polystyrene	
Thickness	7/16 inch	11 mm	
Compressive strength	21,000 lbs/ft ²	1025 kN/m ²	ASTM D1621(Mod.)
Product properties			
Flow capacity per unit width	18 gpm/ft	220 lp/m	ASTM D4716
Roll length	104ft	31.7m	
Roll width	4 ft	1.22m	
Roll weight	95 lbs	43 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.



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