



The Drain Max 220 Series is designed for use with the Drain Max waterproofing systems in vertical installations.

Drain Max 220 Series is a three-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 and the other with a solid polymeric film. 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. The

polymeric film provides extra protection for, and adhesion to, the Drain Max systems. Full-coverage protection is provided to the Drain Max systems.

NOTE: Drain Max Sheet Drain products have a minimum 70% pre-consumer recycled content.

TECHNICAL DATA

Physical Properties	US Value	SI Value	Test Method
<i>Fabric Properties</i>			
Material	Polypropylene	Polypropylene	
Grab Tensile Strength	110 lbs.	485N	ASTM D 4632
Puncture Strength	65 lbs.	285N	ASTM D 4833
Trapezoidal Tear	50 lbs.	220N	ASTM D 4533
Mullen Burst Strength	215 psi	1430 kPa	ASTM D 3786
Elongation at break	60%	60%	ASTM D 4632
EOS (AOS)	100 sieve	150 micron	ASTM D 4751
Permittivity	1.6 sec ⁻¹	1.6 sec ⁻¹	ASTM D 4491
Permeability	0.12 in/sec	0.3 cm/sec	ASTM D 4491
Flow Rate	150 gal/min/ft ²	6110 lpm/m ²	ASTM D 4491
<i>Fabric Properties</i>			
Material	Polystyrene	Polystyrene	
Thickness	0.25 inch	6.35 mm	
Compressive Strength	10,800 lbs/ft ²	527 kN/m ²	ASTM D 1621 (Mod.)
<i>Product Properties</i>			
Flow Capacity per unit width	9 gal/min/ft.	112 L/min/m	ASTM D 4716
Roll length	50 ft.	15.24 m	
Roll width	4 ft.	1.22 m	
Roll weight	29 lbs.	14 kg	

All information, drawings and specifications are based on the latest product information available at the time of printing. Constant improvements 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.