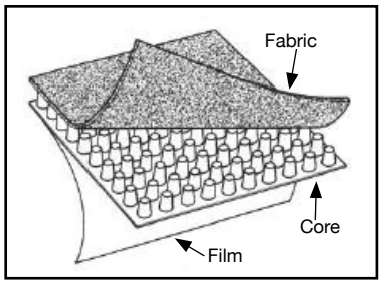
A Subsidiary of Garland Industries

Drain Max® 520 Series



The Drain Max 520 Series is designed for use with the Drain Max water-proofing systems in vertical installations requiring high compressive strength and flow capacity. Use is suitable in selected horizontal applications.

Drain Max 520 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
Fabric Properties			
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	225 psi	1496 kPa	ASTM D 3786
Elongation at break	60%	60%	ASTM D 4632
EOS (AOS)	70 sieve	212 micron	ASTM D 4751
Permittivity	1.6 sec^{-1}	1.6 sec^{-1}	ASTM D 4491
Permeability	0.12 in/sec	0.39 cm/sec	ASTM D 4491
Flow Rate	150 gal/min/ft^2	6110 lpm/m^2	ASTM D 4491
Fabric Properties			
Material	Polystyrene	Polystyrene	
Thickness	7/16 inch	11 mm	
Compressive Strength	15,000 lbs/ft^2	732 kN/m^2	ASTM D 1621 (Mod.)
Product Properties			
Flow Capacity per unit width	16 gal/min/ft.	200 L/min/m	ASTM D 4716
Roll length	50 ft.	15.24 m	
Roll width	4 ft.	1.22 m	
Roll weight	40 lbs.	18 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.