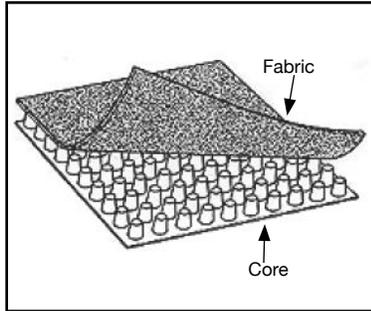# Drain Max® 650 Series

The Drain Max 650 Series is designed for horizontal applications requiring high compressive strength, high flow capacity, and the strength and filtration properties of a woven geotextile.

The Drain Max 650 Series 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 the Drain Max system.

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	365 x 200 lbs.	1620 x 890N	ASTM D 4632
Puncture Strength	105 lbs.	470N	ASTM D 4833
Trapezoidal Tear	115 x 75 lbs.	510 x 330N	ASTM D 4533
Mullen Burst Strength	480 psi	3304 kPa	ASTM D 3786
Elongation	10%	10%	COE 22125 86
EOS (AOS)	40 sieve	425 micron	ASTM D 4751
Permittivity	1.36 sec^{-1}	1.36 sec^{-1}	ASTM D 4491
Permeability	0.003 in/sec	0.092 cm/se	ASTM D 4491
Flow Rate	100 gal/min/ft^2	4074 L/min/m^2	ASTM D 4491
Fabric Properties			
Material	Polystyrene	Polystyrene	
Thickness	7/16 inch	11 mm	
Compressive Strength	21,000 lbs/ft^2	1025 kN/m^2	ASTM D 1621 (Mod.)
Product Properties			
Flow Capacity per unit width	18 gal/min/ft	220 lpm/m	ASTM D 4716
Roll length	50 ft	15.24 m	
Roll width	4 ft	1.22 m	
Roll weight	46 lbs.	21 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.