

## TECHNICAL DATA SHEET



### DMX Drain 9000™ Drainage Membrane

#### MATERIAL

DMX uses a specially formulated Polypropylene that provides a high environmental stress crack resistance to alkalines and acids found in the soil. In addition, DMX is made from 50% recycled resin. Our special extrusion process utilizes low heat and low shear to prevent heat degradation in the final product. The use of antioxidants and lubricants further ensure a smooth, superior quality membrane that outperforms the competition.

#### PROPERTIES

The DMX Drain 9000™ drainage board finished product has a 10mm dimple height, providing a drainage capacity of 18 gal/min/ft of width and a compressive strength of 18,000lbs/sq ft. Polyethylene is highly resistant to chemical interaction and has a life expectancy of up to 50 years when properly installed in accordance with the manufacturer's instructions.



## TECHNICAL DATA

DRAINAGE CORE	TEST METHOD	IMPERIAL	METRIC
Colour	Black		
Dimensions (W x L)		4 x 50ft, 6 x 50ft	1.22 x 15.25m, 1.83 x 15.25m
Compressive Strength	ASTM D 1621	18000 psf	862 kNm <sup>2</sup>
Thickness	ASTM D 1777	7/16 inch	11 mm
Material	Woven Polypropylene		
FILTER FABRIC	WOVEN		
Grab Tensile	ASTM D 4632	365 x 200 lbs md/cd	1623 x 890 N md/cd
Trapezoidal Tear	ASTM D 4533	75 lbs md/cd	332 N md/cd
Puncture Strength	ASTM D 4833	105 lbs	.47 kN
Permeability	ASTM D 3786	480 psi	3309 kPa
AOS	ASTM D 4751	40 Sieve	380 micron
Permittivity	ASTM D 4491	1.36 Sec -1	1.36 Sec -1
Water Flow Rate	ASTM D 4491	100 gpm/ft <sup>2</sup>	4080 Lpm/M <sup>2</sup>
Weight Typical	ASTM D 5261	6.0 oz/yd <sup>2</sup>	203.43 g/m <sup>2</sup>
Material	Polypropylene		
COMPOSITE SYSTEM			
Water Flow Rate (V)	ASTM D 4716	18 Gal/min/ft	223 L/min/m
Roll Size		4ft x 50ft, 6ft x 50ft	1.22m x 15.25m, 1.83m x 15.25m
Roll Weight		46 lbs	20.86 kg