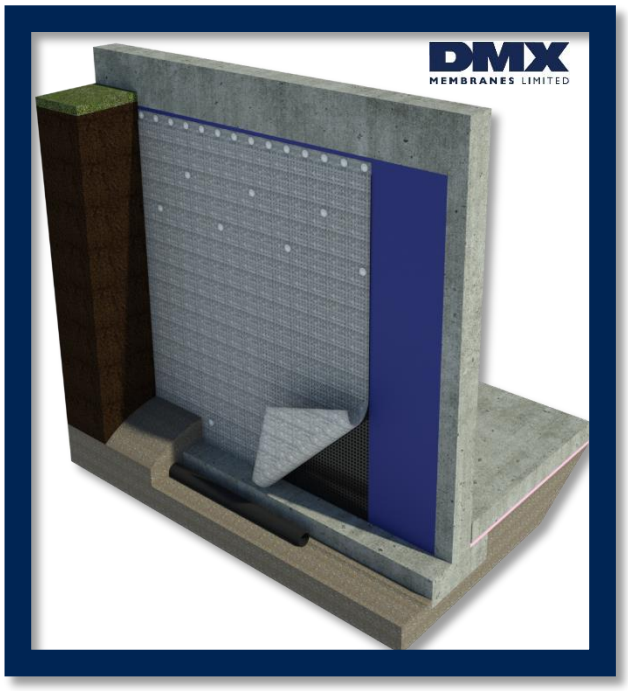
Drain 5X™ Drainage Membrane



TECHNICAL DATA SHEET

Drain

MATERIAL

DMX uses a specially formulated High Density Polyethylene that provides a high environmental stress crack resistance to alkalines and acids found in the soil. 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 5X™ drainage board finished product has a 0.031' (8 mm) dimple height, providing a drainage capacity of 12 gal/min/ft of width and a compressive strength of 6,700lbs/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 instruction

TECHNICAL DATA

DRAINAGE CORE	TEST METHOD	IMPERIAL	METRIC
Colour	Black		
Compressive Strength	ASTM D 1621	6,700 psf (46 psi)	320 kNm^2
Thickness	ASTM D 1777	.313 inch	8 mm
Material	Polyethylene		
FILTER FABRIC	**NON-WOVEN**		
Grab Tensile	ASTM D 4632	90 lbs	401 N
Grab Elongation	ASTM D 4491	50%	50%
Trapezoidal Tear Strength	ASTM D 4533	40 lbs	178 N
CBR Puncture Strength	ASTM D 6241	265 lbs	1.178 kN
Permittivity	ASTM D 4491	2.0 sec-1	2.0 sec-1
Apparent Opening Size (AOS)	ASTM D 4751	50 US Std Sieve	0.300 mm
Water Flow Rate	ASTM D 4491	150 gal/min/ft^2	6,095 L/min/m^2
UV Resistance (@500hrs)	ASTM D 4355	70%	70%

COMPOSITE SYSTEM			
Water Flow Rate (V)	ASTM D 4716	12 Gal/min/ft	149 L/min/m
Water Flow Rate (H)			
Roll Size		6.6ft x 50ft, 8ft x 50ft	1.85m x 15.25m, 2.44m x 15.25m
Roll Weight DMX Drain 5X™		50 lbs, 64 lbs	22 kg, 29 kg
Diameter		20"	50.80 cm

BETTER SCIENCE • BETTER PRODUCT

DMX Membranes Limited. 165 Orenda Road, Brampton, Ontario
L6W 1W3 Tel. (905) 458-8998 Fax: (905) 458-8994
www.dmxmembranes.com