

TECHNICAL DATA SHEET



DMX Drain 15X™ 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 15X™ 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 15,000lbs/sq ft. Polypropylene 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	15000 psf	718 kNm ²
Thickness	ASTM D 1777	7/16 inch	10 mm
Material	Polypropylene		
FILTER FABRIC		NON-WOVEN	
Grab Tensile	ASTM D 4632	100 lbs md/cd	.45 kN md/cd
Trapezoidal Tear	ASTM D 4533	50 lbs md/cd	.22 kN md/cd
Puncture Strength	ASTM D 4833	65 lbs	.30 kN
Permeability	ASTM D 3786	179 psi	1234kPa
AOS	ASTM D 4751	62 Sieve	187 micron
Permittivity	ASTM D 4491	2.6 Sec -1	2.6 Sec -1
Water Flow Rate	ASTM D 4491	201 gal/min/ft ²	8188 L/min/m ²
Weight Typical	ASTM D 5261	4.0 oz/yd ²	135 g/m ²
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		40 lbs, 55 lbs	18 kg, 25 kg