



## ■ DX-700B/8 Drain Board

DX-700B/8 Drain Board performs a multi-faceted role by providing protection for waterproofing systems and managing subsurface water around building foundations. Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief. Collected water is then conveyed to collection systems.

DX-700B/8 Drain Board Consists of a heavy duty impermeable polypropylene sheet cusped under heat and pressure to form a high flow dimpled drainage core. The core is then bonded to a layer of nonwoven filter fabric that meets AASHTO class 1. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<b>□ Core</b>			
Compressive Strength	ASTM D 1621	1005 kNm <sup>2</sup>	21000 psf
Thickness	ASTM D 1777	10.16 mm	.40 in
Flow (Hydraulic gradient=1)	ASTM D 4716	286 l/min/m	23 g/min/ft
<b>□ Fabric</b>			
Flow	ASTM D 4491	3870 l/min/m <sup>2</sup>	95 gal/min/ft <sup>2</sup>
Permittivity	ASTM D 4491	1.4 sec <sup>-1</sup>	
CBR Puncture	ASTM D 6241	2.224 kN	500 lbs
AOS	ASTM D 4751	.18 mm	80 U.S. Sieve
Grab Tensile	ASTM D 4632	.912 kN	205 lbs
Grab Tensile Elongation	ASRM D 4632	50%	
UV Resistance	ASTM D 4355	70% @ 500 hrs	
<b>□ Physical</b>			
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	1.22 m x 15.24 m 18.59m <sup>2</sup> 22 kg	4 ft x 50 ft 200 ft <sup>2</sup> 50 lbs

NOTES: Mullen Burst Strength ASTM D 3786 is no longer recognized by ASTM D35 on Geosynthetics. Puncture Strength ASTM D 4833 is not recognized by AASHTO M 288-15 and has been replaced with CBR Puncture ASTM D 6241.

- At the time of manufacturing. Handling, storage and shipping may change these properties.
- Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV).
- The properties reported above are effective 01-01-19 and are subject to change without notice.

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