



## ■ DX<sup>®</sup>-700PB/66 Drain Board

DX-700PB/66 Drain Board consists of a punched polymeric sheet cusped under heat and pressure to form a high flow dimpled drainage core. The core is punched to allow double sided drainage, then bonded to a layer of nonwoven filter fabric on each side of the core. The filter fabric (meeting AASHTO Class 2) 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>	21,000 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	4481 l/min/m <sup>2</sup>	110 gal/min/ft <sup>2</sup>
Permittivity	ASTM D 4491	1.3 sec <sup>-1</sup>	
CBR Puncture	ASTM D 6241	1.825 kN	410 lbs
AOS (EOS)	ASTM D 4751	.212 mm	70 U.S. Sieve
Grab Tensile	ASTM D 4632	0.712 kN	160 lbs
Grab Tensile Elongation		50%	
<b>□ Endurance</b>			
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> 22.67 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.

Carthage Mills assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Carthage Mills disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.