Carthage Mills **Product Data**

Geotextiles | Erosion Control | Geogrids | Geomembranes

# DX-400XB/W Drain Board

DX-400XB/W Drain Board consists of a heavy duty impermeable polymeric sheet cuspated under heat and pressure to form a high flow dimpled drainage core. The core is then bonded to a layer of woven filter fabric. 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 |
| ☐ **Core** | | | |
| Compressive Strength | ASTM D 1621 | 1005 $kNm^2$ | 21,000 psf |
| Thickness | ASTM D 1777 | 1.016 cm | .40 in |
| Flow (Hydraulic gradient=1) | ASTM D 4716 | 286 l/min/m width | 23 g/min/ft width |
| ☐ **Fabric** | | | |
| Flow | ASTM D 4491 | 2460 $l/min/m^2$ | 60 $gal/min/ft^2$ |
| CBR Puncture | ASTM D 6241 | 3.781 kN | 850 lbs |
| AOS | ASTM D 4751 | .42 mm | 40 U.S. Sieve |
| Grab Tensile | ASTM D 4632 | 1.647 x 1.113 kN | 370 x 250 lbs |
| ☐ **Physical** | | | |
| Standard Roll Sizes / Packaging / Weight | Measured (Typical) | 1.22 m x 15.24 m<br>18.59$m^2$<br>22 kg<br><br>2.44 m x 15.24 m<br>37.19$m^2$<br>44 kg | 4 ft x 50 ft<br>200 $ft^2$<br>50 lbs<br><br>8 ft x 50 ft<br>400 $ft^2$<br>100 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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