

### Description:

The Pli-Dek drainage board 7.2 performs a multi-faceted role by providing protection for waterproofing systems and collecting excess water in plaza decks, split slabs, planters, roof top gardens, and other horizontal surfaces. Planting soil is retained while allowing water to pass into the drainage core. The collected water is then conveyed to collection systems.

### Applications:

- Planters
- Roof gardens
- Plaza Decks
- Split-slabs

### Specifications:

#### PD 7.2 Drain Board:

Consists of a heavy duty, impermeable polymeric sheet which is bonded to the backside of the cusped core under heat and pressure to form a high flow dimpled drainage core (which provides for soft membrane waterproofing systems). 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. PD7.2 is compatible with waterproofing without the use of a protection board.

### Technical Information:

<b>Core</b>	
<b>Compressive Strength</b> (ASTM D-1621)	21,000 psf (1,005 kNm <sup>2</sup> )
<b>Thickness</b> (ASTM D-1777)	.40 in. (1.016 cm)
<b>Flow</b> (ASTM D-4716) Hydraulic gradient = 1	23 gpm/ft width (286 lpm/m width)

<b>Fabric</b>	
<b>Flow</b> (ASTM D-4491)	60 gpm/ft <sup>2</sup> (2460 lpm/m <sup>2</sup> )
<b>CBR Puncture</b> (ASTM D-6241)	850 lbs. (3.781 kN)
<b>AOS (EOS)</b> (ASTM D-4751)	40 U.S. Sieve (.42 mm)
<b>Grab Tensile</b> (ASTM D-4632)	370x250 lbs. (1.647x1.113 kN)



### Availability:

PD 7.2 Drain Board is available in 50 ft. length rolls in the following widths:

- 4 ft. (1.22m)
- 8 ft. (2.44m)

### Technical Assistance:

Contact Pli-Dek Systems, Inc. for any job specific questions.

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