

### Description:

Specifically designed for Greenroof applications. The root resistant filter fabric prevents roots from affecting the efficiency of the drainage/aeration layer and retains soil or other fine particles from being washed away and allows water to pass into the drainage core. The collected water is and conveyed to a proper collection system.

### Applications:

- Planters
- Greenroofs

### Specifications:

#### PD 4RB Drain Board:

The Pli-Dek 4RB drainage board consists of an impermeable polymeric sheet cusped under heat and pressure to form a high flow dimpled drainage core. The core is then bonded to PD RB root resistant filter fabric.

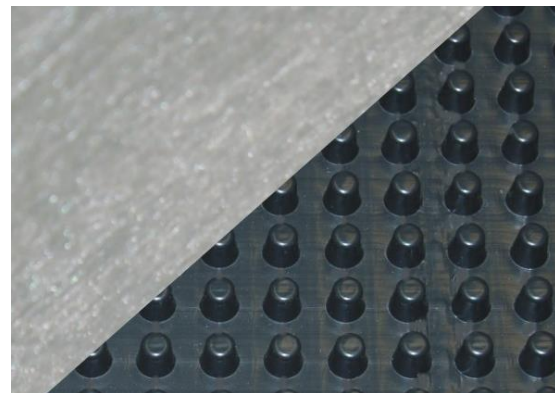
#### Availability:

PD 4RB Drain Board is available in 4 ft wide by 50 ft. long rolls.

### Technical Information:

<b>Core</b>	
<b>Compressive Strength</b> (ASTM D-1621)	15,000 psf (719 kNm <sup>2</sup> )
<b>Thickness</b> (ASTM D-1777)	.40 in. (1.016 cm)
<b>Flow</b> (Hydraulic gradient=1) (ASTM D-4716)	21 gal/min/ft (261 l/min/m)
<b>Water Retention</b>	1.1 gal/10sq ft.

<b>Fabric</b>	
<b>Fabric Type</b>	<b>ECO</b>
<b>Basis Weight</b> (ASTM D3776)	100gsm
<b>Grab Tensile</b> (ASTM D5034)	75/70 lbf
<b>Grab Elongation</b> (ASTM D5034)	40%
<b>Thickness</b> (ASTM D1777)	.49 mm
<b>Trapezoidal Tear</b> (ASTM D1777)	20 lbf
<b>Water Flow Rate</b> (ASTM D4491)	250 gal/min/ft <sup>2</sup>



### Technical Assistance:

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

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