

PRODUCT INFORMATION SHEET PD DRAIN BOARD 4RB

Description:

The Pli-Dek Drain Board 4RB is specifically designed for Green Roof 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.

Uses:

- Pli-Dek System – “U”
- Con-Dek System – “U”
- HD System
- Hot Rubber
- Polymer Modified Asphalt (PMA)
- Cold Rubber High Build (CR)

Applications:

- Planters
- Green Roofs

Specifications:

The Pli-Dek Drain Board 4RB 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:

The Pli-Dek Drain Board 4RB is available in 4 ft. wide by 50 ft. long rolls

Application Instructions:

Vertical Installation:

1. Measure wall height or lift, adding sufficient material for overlapping pipe detail. Unroll Drain Board and cut to length.
2. Peel back fabric from drainage core and remove 4" of core. (Drain core should remain 6 - 12 inches below backfill.)
3. Glue fabric to wall or tuck fabric under core when using a furring strip. (Furring strip can be removed after backfilling.)
4. Glue adjacent panels at the vertical joints, making sure that fabric overlaps to prevent soil intrusion when backfilling.
5. At drain tile, peel back fabric from drainage core and wrap around drain tile. Tuck excess fabric under core, making sure inner core has direct contact with drain tile.
6. Backfill as soon as possible.

NOTE: Drain Board

horiz
follows:

1. Install horizontally in lifts.
2. To ensure filter continuity, overlap the lower lift.
3. Glue or nail the top of the final lift.

Horizontal Installation:

1. Clean horizontal surface of loose debris and unroll Drain Board fabric side up in the direction of maximum slope.
2. Attach Drain Board to the surface with double-sided tape, adhesive or nails that are compatible with waterproofing membranes.
3. For overlaps, so that the cores abut.
4. Secure the fabric overlap at five intervals with glue, tape or nails.
5. fabric and removing 4" of core.
6. then glue, tape or nail fabric

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fabric overlay.

Technical Data: Core

Compressive Strength (ASTM D-1621)	15,000 psf (719 kNm ²)
Thickness (ASTM D-1777)	.40 in. (1.016 cm)
Flow (Hydraulic gradient = 1) (ASTM D-4716)	21 gal/min/ft (261 l/min/m)

Technical Data: Fabric

Flow (ASTM D-4491)	250 gal/min/ft
Basic Weight (ASTM D-3776)	100 gsm
Grab Tensile (ASTM D-5034)	75/70 lbf
Grab Elongation (ASTM D-5034)	40%
Thickness (ASTM D-1777)	.49 mm
Trapezoidal Tear (ASTM D-1117)	20 lbf

Warranty:

Please contact Pli-Dek LLC for details.

Disclaimer:

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Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.



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