

## PRODUCT INFORMATION SHEET PD DRAIN BOARD 3.2

### Description:

The Pli-Dek Drain Board 3.2 consists of an HDPE geonet drainage core with a filter fabric bonded to one or both sides. The geonet drainage core is literally crush proof, yet flexible enough to conform to irregular surfaces. Because of their crushproof nature, geonet drainage composites can be used in the most extreme cases with heavy loads and/or heavy vehicular traffic.

### Uses:

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

### Applications:

- Foundation Walls
- Retaining Walls
- Planters & Roof Gardens
- Bridge Abutments
- Under Slabs

### Specifications:

The Pli-Dek Drain Board 3.2 consists on heavy duty high density polyethylene geonet drainage core with its ridges heat fused to a layer of non-woven filter fabric. PD 3.2 has an additional layer of filter fabric to the back side providing drainage and filtration from both sides. The filter fabric retains soil and sand particles as well as freshly placed concrete or grout, allowing filtered water to pass through to the drainage core.

### Availability:

The Pli-Dek Drain Board 3.2 is available in 4 ft. wide by 75 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 can also be applied horizontally in a vertical application, as follows:

1. Install horizontally in lifts.
2. To ensure filter continuity, glue the overlap fabric from the upper lift to 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, place adjacent panels so that the cores abut.
4. Secure the fabric overlap at five foot intervals with glue, tape or nails.
5. \*Join roll ends by peeling back fabric and removing 4" of core.
6. Place end panels so that cores abut, then glue, tape or nail fabric overlap.

\*NOTE: All core joints must be covered by fabric overlay.

### Technical Data: Core

Compressive Strength (ASTM D-1621)	40,000 psf (1,915 kNm <sup>2</sup> )
Thickness (ASTM D-1777)	.25 in. (6.35 mm)
Flow (Hydraulic gradient = 1) (ASTM D-4716)	8.5 gal/min/ft (106 l/min/m)

### Technical Data: Fabric

Flow (ASTM D-4491)	140 gal/min/ft <sup>2</sup> (5704 l/min/m <sup>2</sup> )
Puncture (ASTM D-6241)	250 lbs. (1.13 kN)
AOS (EOS)	70 U.S. Sieve (.212 mm)
Grab Tensile (ASTM D-4632)	100 lbs. (.445 kN)

### Limitations:

Not recommended for below grade. Do not apply to frost covered surfaces, or below 13°C (55°F). Do not apply if rain is expected in 24 hours and it must remain over 13°C (55°F) temperature for 24 hours.

### Warranty:

Please contact Pli-Dek LLC for details.

### Disclaimer:

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### Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.

Waterproof Deck Coating  
Product Information Sheet –PD Drain Board 3.2

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