

Description:

The Pli-Dek drainage boards 3.2, & 10 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.

Applications:

- Foundation walls
- Retaining walls
- Planters & roof gardens
- Bridge abutments
- Under slabs

Specifications:

PD 3.2 Drain Board:

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.

PD 10 Drain Board:

Consists on heavy duty high density polyethylene geonet drainage core with its ridges heat fused to a layer of non-woven filter fabric. PD 10 has an addition of a layer of heavy duty grey fabric to the back side providing protection and cushion for waterproofing systems requiring a protection layer.

Technical Information:

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

Fabric		
	3.2 (2 sides)	10 (grey back)
	10 (front)	
Flow (ASTM D-4491)	140 gal/min/ft ² (5704 L/min/m ²)	110 gal/min/ft ² (4481 L/min/m ²)
CBR Puncture (ASTM D-6241)	250 lbs. (1.113 kN)	450 lbs. (2.0 kN)
AOS (EOS)	70 U.S. Sieve (.212 mm)	80 U.S. Sieve (.18 mm)
Grab Tensile (ASTM D-4632)	100 lbs. (.445 kN)	160 lbs. (.712 kN)



Availability:

PD 3.2 Drain Board is available in 4' wide by 75ft long rolls. PD 10 is available in a 4' wide by 50 ft long roll.

Technical Assistance:

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

Disclaimer:

This information is furnished without warranty, representation, inducement or license of any kind, except sources believed by Pli-Dek Systems, Inc. to be accurate. Pli-Dek Systems, Inc. does not assume any legal responsibility for use or reliance on the information supplied here.

