

ROOFSCAPES® TerraDRAIN P-25



Semi-Rigid Waffled HDPE Retention & Drainage Panel (25 mm)

Description

Terra-DRAIN™ P-25 (Panel) is a 1" (25 mm) thick, semi-rigid, waffled HDPE sheet designed to retain water within pockets on the top side for vegetation while channeling surplus water through its bottom-sided canal system for secure drainage. It has drill holes to drainage channels for diffusion and irrigation.

Terra-DRAIN™ P-25 (Panel) allows for the incorporation of a complete array of zone-appropriate, drought-tolerant plantings in a less than 6" depth assembly.



Benefits

- Retains water within pockets on the upper side, making water available to vegetation
- Channels surplus water through its bottom-sided canal system for secure drainage
- Utilizes drill holes to drainage channels for diffusion and irrigation



LEED Credits available for:

- Materials & Resources (MR)

Coverage

21.52 sq/ft

Uses

- Extensive green roofs
- Protected membrane roofs
- Inverted roof membrane applications (IRMA)
- Under path surfaces with >60 mm substructure

Properties

Description	Measurement	Test Method
Material	Recycled HDPE (High-Density Polyethylene)	
Thickness	0.98" (24.9 mm)	
Dimensions (L x W)	78.75" x 39.375"	
Area	21.52 sq/ft	
Weight	0.28 lbs/ft ²	
Compressive Strength	29.00 lbs/in ² (unfilled) 25.38 lbs/in ² (filled)	
Water Holding Capacity	0.20 in ³ /in ² (0.122 gal/ft ²) (unfilled)	ASTM E-2398
Drainage Performance (Fully Saturated)	@ 1% Slope = 18.41 in ³ /ft/s @ 2% Slope = 26.22 in ³ /ft/s	ASTM E-2398



21.52 sq/ft per Unit
50 Units per Section
7 Sections per Pallet

