

ROOFSCAPES® TerraDRAIN P-60

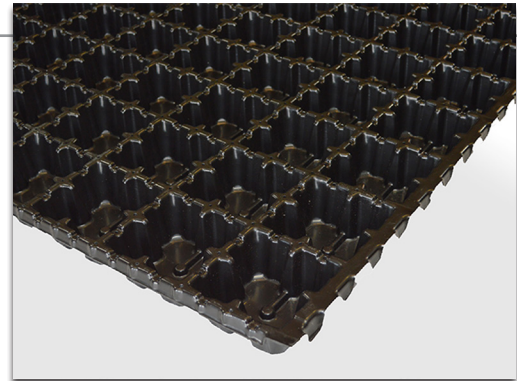


High-Strength Semi-Rigid Waffled HDPE Retention & Drainage Panel (60 mm)

Description

Terra-DRAIN™ P-60 (Panel) is a 2.4" (60 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-60 allows for the incorporation of a complete array of zone-appropriate plantings, including shrubs and trees, in a greater than 12" depth assembly.



Benefits

- Lightweight superstructure with high drainage capacity
- 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
- Transfers loads uniformly to the substructure via large contact areas

Coverage

24.75 sq/ft

Uses

- Intensive green and vegetative roofs with zone-appropriate plantings, including shrubs and trees
- High load capacity systems that harvest stormwater
- Unfilled installation under intensive green roofs with substrate height up to 400 mm
- Protected membrane roofs
- Inverted roof membrane applications (IRMA)



LEED Credits available for:

- Materials & Resources (MR)

Properties

Description	Measurement	Test Method
Material	Recycled HDPE (High-Density Polyethylene)	
Thickness	2.36" (59.9 mm)	
Dimensions (L x W)	92.125" x 39.5"	
Area	24.75 sq/ft	
Weight	0.47 lbs/ft ²	
Compressive Strength	94.27 lbs/in ² (filled)	
Water Holding Capacity	0.91 in ³ /in ² (0.564 gal/ft ²) (filled)	ASTM E-2398
Drainage Performance (Fully Saturated)	@ 1% Slope = 29.38 in ³ /ft/s @ 2% Slope = 42.59 in ³ /ft/s	ASTM E-2398



24.75 sq/ft per Unit
30 Units per Section
6 Sections per Pallet

