

ROOFSCAPES® TerraDRAIN DD-10



Perforated Dimpled Composite Water Retention, Aeration & Drainage Component (10 mm - 0.5" nominal)

Formerly known as *RamDrain 1241*

Description

Terra-DRAIN™ DD-10 (Dimpled Drain) is a 10 mm (0.5" nominal) perforated, dimpled composite polystyrene water retention, aeration, and drainage component with a sheet of needle-punched, non-woven polypropylene fabric adhered on both sides. It is designed to be used in green roof and planter configurations.

The plastic core of Terra-DRAIN™ DD-10 is perforated to allow for water vapor and air to migrate upwards from lower assembly components. Its adhered fabric cover allows excess water to flow from the growing media into the water storage cups while preventing the growing media sediment from entering. There is a selvage edge of extra top fabric along one side of the component that creates an overlap on adjacent components. This prevents migration of growing media downward into underlying layers.

Benefits

- Manages water flow and prevents drain blockage from sediment and other foreign objects
- Efficient water retention capacity and superior drainage capabilities for planters and roofs
- Creates 0.06 gal/ft² of water retention

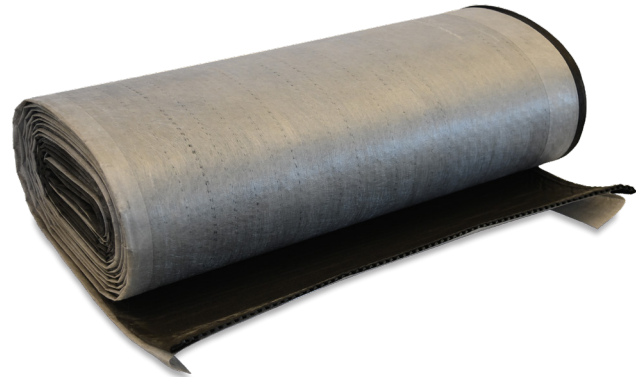
Properties

Geotextile Fabric

Description	Measurement	Test Method
Material	Polypropylene	
Fabric	Needle-Punched / Non-Woven	
Weight	5.6 oz/yd ²	ASTM D-3776
Flow Rate	80 gpm/ft ²	ASTM D-4491
AOS (Fabric on top & bottom)	60 Sieve (MARV) 80 Sieve (Typical Value)	

Composite Core

Description	Measurement	Test Method
Material	High-Impact Polystyrene (HIPS)	
Thickness	11 mm (0.44 in)	ASTM D-1777
Weight	4 oz/ft ²	ASTM D-3776
Compressive Strength	15,000 lbs/ft ²	ASTM D-1621
Water Storage Capacity	0.06 gal/ft ²	ASTM E-2398
Perforation Open Area	3.9 in ² /ft ²	
Horizontal Flow Gradient = 1.0	16 gpm/ft	ASTM D-4716
Horizontal Flow Gradient = 0.1	6 gpm/ft	ASTM D-4716



Uses

- Green roofs
- Landscaping
- Commercial planters
- Retaining walls

Coverage

200 sq/ft per roll



LEED Credits available for:

- Materials & Resources (MR)

Packaging

48" x 50'
200 sq/ft per roll
40 lbs per roll
8 rolls per pallet

