

RamDrain DD 050 HS

High-Strength Dimpled Composite Drain + Flow Fabric



Description

RamDrain DD 050 HS is a two-part prefabricated geocomposite drain consisting of a formed polystyrene core that is covered on one side with woven monofilament filter fabric. This fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core, allowing the water to flow to designated drainage exits.

RamDrain DD 050 HS with 1/2" height can move more drainage water per foot width than a layer of stone which is 1' wide and 180" high.

RamDrain DD 050 HS is designed for horizontal applications.

Coverage

200 sq ft

Uses

Plaza decks
Green roofs
Foundations
Retaining walls
Commercial planters



Properties

Description	Measurement	Test Method
Drain Properties		
Flow Capacity	24.5 gpm/ft of width 287 L/min/m of width	ASTM D-4716
Core Properties		
Material	Polymeric	
Thickness	0.43" 11.1 mm	ASTM D-1777
Compressive Strength	21,000 lb/ft ² 790 kPa	ASTM D-1621
Fabric Properties		
Material	Polypropylene	
Grade Tensile Strength	370 x 250 lbf 445 N	ASTM D-4632
Puncture Strength	120 lbf 534 N	ASTM D-4833
Grab Strength	60%	ASTM D-4632
EOS (AOS)	100 sieve 0.152 mm	ASTM D-4751
UV at 500 hours	70%	ASTM D-4355
Flow Rate	150 gal/min/ft ² 6110 L/min/m ²	ASTM D-4491

Packaging

48"x50'
Roll Weight 45 lbs
10 rolls per pallet

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