RamDrain DD 050 HS



High-Strength Dimpled Composite Drain + Flow Fabric

Description Coverage

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.

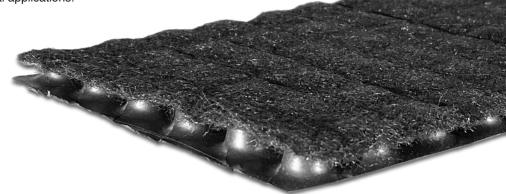
RamDrain DD 050 HS is designed for horizontal applications.

Uses

Plaza decks Green roofs **Foundations** Retaining walls Commercial planters

Properties

200 sq ft



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

LIMITED WARRANTY: Barrett warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Barrett makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to The Barrett Company, LLC. Barrett to replace or to refund the purchase price of the quantity of Barrett proven to be defective, and Barrett shall not be liable for any loss or damage.

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