

# RamDrain DD 050

## Dimpled Composite Drain



### Description

RamDrain Dimple Drain (DD) 050 is a high-performance drainage sheet engineered to relieve hydrostatic pressure by creating a channel for liquid water.

RamDrain DD 050 is a two-layer superior flow-rate system. The first layer is constructed of a high strength, cusped (dimpled) polymeric sheet designed to provide superior compressive strength. Adhered to the high strength, cusped polymer base is a nonwoven filter fabric. The filter fabric is designed to promote high water flow while not allowing dirt and silt to penetrate the drainage channel.

### Uses

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

### Coverage

200 sq ft



### Properties

Description	Measurement		Test Method
<b>Drain Properties</b>			
Flow Capacity	19.2 gpm/ft of width 240 L/min/m of width		ASTM D-4716
<b>Core Properties</b>			
Material	Polymeric		
Thickness	0.43"	11.1 mm	ASTM D-1777
Compressive Strength	15,000 lb/ft <sup>2</sup>	790 kPa	ASTM D-1621
<b>Fabric Properties</b>			
Material	Polypropylene		
Grade Tensile Strength	110 lbf	445 N	ASTM D-4632
Puncture Strength	65 lbf	289 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 <sup>2</sup>	6110 L/min/m <sup>2</sup>	ASTM D-4491

### Packaging

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

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800 | 647 | 0100  
F 908 | 647 | 0278