

RamDrain 2451

Drainage and Water Retention Composite



Description

RamDrain 2451 is a 1" perforated composite polymeric drainage with fabric on both sides.

Coverage

300 sq ft

Uses

RamDrain 2451 is designed to be used in vegetated greenroof and planter configuration, the fabric cover allows excess water to flow from the growing medium into the water storage cups, while preventing the growing medium sediment from entering. The design is able to retain 0.11 gal/ft².



Properties

Description	Measurement	Test Method
Geotextile		
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	
Core Properties		
Material	Polystyrene	
Thickness	1.0 inch	ASTM D-1777
Compressive Strength	9,000 lbs/ft ²	ASTM D-1621
Water Storage Capacity	0.11 gal/ft ²	
Perforation Open Area	8.7 in ² /ft ²	
Horizontal		
Flow gradient = 1.0	100 gpm/ft	
ASTM D-4716		
Horizontal Flow		
gradient = 0.1	21 gpm/ft	ASTM D-4716
Material	Polypropylene	
Fabric	Needle-punched nonwoven	
Weight	4 oz/ft ²	ASTM D-3776

Packaging

36"x100'
1 roll per pallet
88 lbs per roll

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