

# RamDrain 1241

## Drainage and Water Retention Composite



### Description

RamDrain 1241 is a 1/2" perforated composite polymeric drainage with fabric on both sides.

### Coverage

200 sq ft

### Uses

RamDrain 1241 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 0.06 gal/ft<sup>2</sup>.



### Properties

| Description                  | Measurement                             | Test Method |
|------------------------------|---|-------------|
| <b>Geotextile</b>            |   |             |
| Material                     | Polypropylene                           |             |
| Fabric                       | Needle-punched non-woven                |             |
| Weight                       | 5.6 oz/yd <sup>2</sup>                  | ASTM D-3776 |
| Flow Rate                    | 80 gpm/ft <sup>2</sup>                  | ASTM D-4491 |
| AOS (fabric on top & bottom) | 60 Sieve MARV<br>80 Sieve Typical Value |             |
| <b>Core Properties</b>       |   |             |
| Material                     | Polystyrene                             |             |
| Thickness                    | 0.44 inch                               | ASTM D-1777 |
| Compressive Strength         | 15,000 lbs/ft <sup>2</sup>              | ASTM D-1621 |
| Water Storage Capacity       | 0.06 gal/ft <sup>2</sup>                |             |
| Perforation Open Area        | 3.9 in <sup>2</sup> /ft <sup>2</sup>    |             |
| Horizontal                   |   |             |
| Flow gradient = 1.0          | 16 gpm/ft                               | ASTM D-4716 |
| Horizontal Flow              |   |             |
| gradient = 0.1               | 6 gpm/ft                                | ASTM D-4716 |
| Material                     | Polypropylene                           |             |
| Fabric                       | Needle-punched nonwoven                 |             |
| Weight                       | 4 oz/ft <sup>2</sup>                    | ASTM D-3776 |

### Packaging

48"x50'  
8 rolls per pallet  
40 lbs per roll

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