

## TREMDrain™ Series

### Multi-Composite Drainage and Protection Board

#### Product Description

TREMDrain™ is a prefabricated drainage material and protection board consisting of a formed polystyrene core covered on one side with a high strength, spun-bound polypropylene filter fabric. The fabric allows water to pass into the drainage core while restricting the movement of soil particles. The plastic core provides compressive strength and allows high capacity flow to the TREMDrain Total-Drain.

Additional TREMDrain products are available to suit every need. Contact your local representative or Technical Services to select the appropriate product for your needs.

#### Basic Uses

TREMDrain is used in conjunction with TREMproof 250GC, TREMproof 201/60, TREMproof 260 and all Paraseal membranes. TREMDrain is designed primarily for vertical and selected horizontal installations at shallower depths where moderate compressive strengths and flow capacity are adequate. NOTE: TREMDrain drainage and protection materials are not for use beneath sand-set, vehicular paver applications.

#### Packaging

4 ft x 50 ft (1.22 m x 15.3 m) rolls

#### Installation

Refer to TREMDrain Total Drain and Drainage Mat application instructions for specific application details. The techniques involved may require modification to adjust to job-site conditions. Consult your Tremco Representative for specific design requirements.

#### Availability

TREMDrain is immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

#### Warranty

Tremco warrants its TREMDrain 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, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to TREMDrain products. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase of the quantity of TREMDrain products proved to be defective and Tremco shall not be liable for any loss or damage.

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

## TYPICAL PHYSICAL PROPERTIES

Physical Properties	Test Method	Value	SI Value
<b>TREMDrain Fabric</b>			
Material		Polypropylene	Polypropylene
Weight	ASTM D3776	4 oz/yd <sup>2</sup>	136 gm/m <sup>2</sup>
Grab tensile strength	ASTM D4632	145 lbs	645 N
Puncture strength	ASTM D4833	50 lbs	222 N
Trapezoidal tear	ASTM D4533	70 lbs	310 N
Mullen burst strength	ASTM D3786	150 psi	1034 kPa
Grab elongation	ASTM D4632	60%	60%
AOS	ASTM D4751	80 sieve	180 micron
Permittivity	ASTM D4491	1.0 sec <sup>-1</sup>	1.0 sec <sup>-1</sup>
Permeability	ASTM D4491	0.03 cm/sec	0.03 cm/sec
Flow rate	ASTM D4491	80 gpm/ft <sup>2</sup>	3260 lpm/m <sup>2</sup>
<b>Core Properties (All TREMDrain)</b>			
Material		Polystyrene	Polystyrene
Thickness		0.25 inch	6.35 mm
Compressive strength	ASTM D1621 (Mod.)	10,800 lbs/ft <sup>2</sup>	527 kN/m <sup>2</sup>
<b>Product Properties (All TREMDrain)</b>			
Flow capacity per unit width	ASTM D4716	9 gpm/ft	112 lpm/m
Roll length		50 ft	15.8 m
Roll width		4 ft	1.22 m
Roll weight		28 lbs	12.5 kg



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