

### Product Description

TREMDrain® 1000 consists of a polystyrene core and nonwoven, needle-punched, polypropylene fabric. Available with or without the polymeric film (PF) attached to the back of the drainage core, it offers greater compressive strength than TREMDrain.

### Basic Uses

The TREMDrain Series of mats are used with TREMproof® and Paraseal® waterproofing membranes serving both as a protection course and replacement for traditional pipe and stone drainage systems.

### Features and Benefits

- TREMDrain Series Drainage and Protection Boards replace or eliminate the need for a separate protection course.
- Provide an uninterrupted flow plane and eliminate the opportunity for hydrostatic pressure to form against a wall.
- Lightweight and easy to install compared to conventional pipe and stone drainage.

### Availability

Immediately available from your local Tremco Sales Representative, Tremco Distributor or Tremco Warehouse.

### Packaging

4' x 50' (1.22 M x 15.8 M)

### Storage

Store out of direct sunlight. Vertical storage recommended.

### Limitations

- Not for use beneath sand-set vehicular pavers.
- Not to be used as an exposed or wearing surface. Limit UV exposure to a maximum of 14 days.

### Installation

Refer to TREMDrain Series Application Instructions for specific application details. The techniques included may require modification to adjust to job-site conditions. Consult your local Tremco Sales Representative or Tremco Technical Service for specific design requirements.

### Warranty

Tremco 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, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Product proven 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.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

**TREMDrain® 1000/1000 PF**

Multi-Composite Drainage and Protection Boards

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	TEST METHOD	VALUES US	VALUES SI
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Typical Applications		Backfilled Wall, Under Slab	
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Roll Length		50 ft	15.24 M
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Roll Width		4 ft	1.22 M
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Roll Weight		38 lb	17.2 kg
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Recycled Content		>70%	
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**Fabric**

Material		Nonwoven Needle-punched Polypropylene	
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Grab Tensile Strength	ASTM D4632	100 lbf	445 N
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CBR Puncture	ASTM D6241	275 lb	1220 N
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UV Resistance	ASTM D4355	70% / 500 hrs	
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Grab Elongation	ASTM D4632	65%	
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AOS	ASTM D4751	70 sieve	210 micron
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Permittivity	ASTM D4491	2.4 sec <sup>-1</sup>	
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Flow Rate	ASTM D4491	165 gpm/ft <sup>2</sup>	6,732 Lpm/M <sup>2</sup>
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Root Barrier Fabric		None	
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**Core**

Material		Polystyrene	
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Flow Capacity per unit width	ASTM D4716	18 gpm/ft	224 Lpm/M
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Thickness	ASTM D1777	7/16" 11 mm	
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Compressive Strength	ASTM D1621	15,000 lb/ft <sup>2</sup>	718 kPa
	ASTM D6364	15,000 lb/ft <sup>2</sup>	718 kPa

**1119/TD1000/1000PFDS-BG****Tremco Commercial Sealants & Waterproofing**

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