

### 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                |
|------------------------------|-------------|---------------------------------------|--------------------------|
| Typical Applications         |             | Backfilled Wall, Under Slab           |                          |
| Roll Length                  |             | 50 ft                                 | 15.24 M                  |
| Roll Width                   |             | 4 ft                                  | 1.22 M                   |
| Roll Weight                  |             | 38 lb                                 | 17.2 kg                  |
| Recycled Content             |             | >70%                                  |                          |
| <b>Fabric</b>                |             |                                       |                          |
| Material                     |             | Nonwoven Needle-punched Polypropylene |                          |
| Grab Tensile Strength        | ASTM D4632  | 100 lbf                               | 445 N                    |
| CBR Puncture                 | ASTM D6241  | 275 lb                                | 1220 N                   |
| UV Resistance                | ASTM D4355  | 70% / 500 hrs                         |                          |
| Grab Elongation              | ASTM D4632  | 65%                                   |                          |
| AOS                          | ASTM D4751  | 70 sieve                              | 210 micron               |
| Permittivity                 | ASTM D4491  | 2.4 sec <sup>-1</sup>                 |                          |
| Flow Rate                    | ASTM D4491  | 165 gpm/ft <sup>2</sup>               | 6,732 Lpm/M <sup>2</sup> |
| Root Barrier Fabric          |             | None                                  |                          |
| <b>Core</b>                  |             |                                       |                          |
| Material                     |             | Polystyrene                           |                          |
| Flow Capacity per unit width | ASTM D4716  | 18 gpm/ft                             | 224 Lpm/M                |
| Thickness                    | ASTM D1777  | 7/16" 11 mm                           |                          |
| 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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