



# TECHNICAL DATA SHEET

## TREMDrain™ 1000 NW

Multi-Composite Drainage  
and Protection Boards

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### PRODUCT DESCRIPTION

TREMDrain 1000 NW is designed for single-sided subsurface vertical drainage applications requiring a typical non-woven filter fabric bonded to a high compressive strength and high flow capacity formed core.

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### BASIC USES

- TREMDrain 1000 NW is ideal for vertical walls greater than 20 ft.
- TREMDrain 1000 NW is used in conjunction with TREMProof™ waterproofing and Paraseal® membranes serving both as a protection course and replacement for traditional pipe and stone drainage systems.

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### FEATURES & BENEFITS

- TREMDrain Series Drainage and Protection Boards replace or eliminate the need for a separate protection course.
- Provides 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.

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### AVAILABILITY

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

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### PACKAGING

4 ft x 50 ft (1.22 M x 15.24 M) rolls

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### STORAGE

Store out of direct sunlight. Vertical storage recommended.

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### LIMITATIONS

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

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### 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.

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### WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

## TYPICAL PHYSICAL PROPERTIES

| PROPERTY                     | TEST METHOD | VALUES US                             | VALUES SI    |
|------------------------------|-------------|---------------------------------------|--------------|
| Typical Applications         |             | Backfilled Wall, Under Slab           |              |
| Roll Length                  |             | 50'                                   | 15.24 M      |
| Roll Width                   |             | 4'                                    | 1.22 M       |
| Roll Weight                  |             | 38 lb                                 | 17.2 kg      |
| RECYCLED CONTENT             |             | >70%                                  |              |
| FABRIC                       |             |                                       |              |
| 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/ft²                           | 6,732 lpm/M² |
| Root Barrier Fabric          |             | None                                  |              |
| CORE                         |             |                                       |              |
| Material                     |             | Polystyrene                           |              |
| Flow Capacity per unit width | ASTM D4716  | 18 gmp/ft                             | 224 lpm/M    |
| Thickness                    | ASTM D1777  | 7/16 in                               | 11 mm        |
| Compressive Strength         | ASTM D1621  | 15,000 lb/ft²                         | 718 kPa      |
|                              | ASTM D6364  | 15,000 lb/ft²                         | 718 kPa      |

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.

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Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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