

# TECHNICAL TREMDrain™6000 NW DATA SHEET

Multi-Composite Drainage and **Protection Boards** 

#### PRODUCT DESCRIPTION

TREMDrain™ 6000 NW is a multi-composite prefabricated drainage material and protection board consisting of a formed polypropylene core covered on one side with a high strength, spun-bonded polypropylene filter fabric. TREMDrain 6000 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.

## **BASIC USES**

- TREMDrain 6000 NW is ideal for vertical walls greater than 20 feet.
- TREMDrain 6000 NW can be used in select horizontal installations requiring high compressive strength and where high flow capacity is necessary.
- TREMDrain 6000 NW is used in conjunction with TREMproof™ waterproofing and Paraseal® membranes.

#### **FEATURES & 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**

6' x 50' (1.8 M x 15.3 M) rolls

### **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 involved may require modification to adjust to jobsite conditions. Consult your local Tremco Sales Representative or Tremco Technical Service for specific design requirements.

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#### **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 refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at <a href="https://www.tremcosealants.com">www.tremcosealants.com</a> 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® 6000

Multi-Composite Drainage and Protection Boards

| PROPERTY                     | TEST METHOD                  | VALUES US                      | VALUES SI               |
|------------------------------|------------------------------|--------------------------------|-------------------------|
| Typical Applications         | Backfilled walls, Under Slab |                                |                         |
| Roll Length                  |                              | 50′                            | 15.24 M                 |
| Roll Width                   |                              | 6′                             | 1.8 M                   |
| Roll Weight                  |                              | 59 lb                          | 26.8 kg                 |
| Recycled Content             |                              | >50%                           |                         |
| <u>Fabric</u>                |                              |                                |                         |
| Material                     |                              | Polypropylene                  |                         |
| Grab Tensile Strength        | ASTM D4632                   | 115 lbf                        | 512 N                   |
| CBR Puncture                 | ASTM D6241                   | 320 lb                         | 1410 N                  |
| UV Resistance                | ASTM D4355                   | 70% / 500 hrs                  |                         |
| Permittivity                 | ASTM D4491                   | 2.4 sec <sup>-1</sup>          |                         |
| Grab Elongation              | ASTM D4632                   | 70%                            |                         |
| AOS                          | ASTM D4751                   | 70 sieve                       | 210 micron              |
| Flow Rate                    | ASTM D4491                   | 150 gpm/ft²                    | 6113 Lpm/M <sup>2</sup> |
| Root Barrier Fabric          |                              | None                           |                         |
| Core                         |                              |                                |                         |
| Material                     |                              | Polypropylene                  |                         |
| Flow Capacity per unit width | ASTM D4716                   | 18 gpm/ft                      | 224 Lpm/M               |
| Thickness                    | ASTM D1777                   | 0.4"                           | 10 mm                   |
| Compressive Strength         | ASTM D1621<br>ASTM D6364     | 15,000 lb/ft²<br>15,000 lb/ft² | 718 kPa<br>718 kPa      |
|                              |                              |                                |                         |





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