



TECHNICAL DATA SHEET

TREMDrain™ Total Drain

Multi-Composite Drainage
and Protection Boards

PRODUCT DESCRIPTION

TREMDrain Total Drain is a two-layer drainage mat with a unique polystyrene core that consists of a high-profile drainage section for water collection and flow around the structure and a transition section to connect to other TREMDrain series drainage mats.

TREMDrain Total Drain is designed to provide a value engineered alternative to perforated pipe and aggregate subsurface drainage systems in applications requiring high strength and high flow capacity. This 24 inch product includes an integrated transition flange for easy connection to TREMDrain Sheet drain products and enhances system drainage performance.

BASIC USES

- TREMDrain Total Drain is designed for perimeter drainage applications.
- TREMDrain Total Drain 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.

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.

AVAILABILITY

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

PACKAGING

2 ft x 50 ft (0.61 M x 15.24 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 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

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		Perimeter Drainage	
Roll Length		50 ft	15.24 M
Roll Width		2 ft	0.61 M
Roll Weight		27 lb	12.2 kg
Recycled Content		>75%	
FABRIC			
Material		Nonwoven Needle-punched 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 ⁻¹	
Grab Elongation	ASTM D4632	70%	
AOS	ASTM D4751	70 sieve	210 micron
Flow Rate	ASTM D4491	150 gpm/ft ²	6113 Lpm/M ²
Root Barrier Fabric		None	
CORE			
Material		Polystyrene	
Flow Capacity per Unit Width	ASTM D4716	21 gpm/ft	261 Lpm/M
Thickness	ASTM D1777	7/16 to 1 in transition	11 to 25 mm transition
Compressive Strength	ASTM D1621	9,000 lb/ft ²	431 kPa
	ASTM D6364	9,000 lb/ft ²	431 kPa

Please refer to our website at 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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