



TECHNICAL DATA SHEET

TREMDrain™ 1000 PF

Multi-Composite Drainage
and Protection Board

PRODUCT DESCRIPTION

TREMDrain 1000 PF 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. TREMDrain 1000 PF incorporates a protective backing film for added membrane protection.

BASIC USES

- TREMDrain 1000 PF is ideal for vertical walls greater than 20 ft.
- TREMDrain 1000 PF 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

4 ft x 50 ft (1.22 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 involved may require modification to adjust to jobsite 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 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.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS US	TYPICAL RESULTS SI
Typical Applications	Backfilled Walls		
Roll Length		50 ft	15.24 M
Roll Width		4 ft	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	
Permittivity	ASTM D4491	2.4 sec ⁻¹	
Grab Elongation	ASTM D4632	65%	
AOS	ASTM D4751	70 sieve	210 micron
Flow Rate	ASTM D4491	165 gpm/ft ²	6732 Lpm/M ²
Root Barrier Fabric		None	

CORE

Material		Polystyrene	
Flow Capacity per Unit Width	ASTM D4716	18 gpm/ft	224 Lpm/M
Thickness	ASTM D1777	3/16 in	11 mm
Compressive Strength	ASTM D1621	15,000 lb/ft ²	718 kPa
	ASTM D6364	15,000 lb/ft ²	718 kPa
Backing Film		Yes	