

TREMDrain® 6600

Multi-Composite Drainage and Protection Board for Use in Tremco Bonded Systems in High Velocity Wind Zones

Product Description

TREMDrain® 6600 is a multi-composite prefabricated drainage material and protection board consisting of a formed polypropylene core covered on one side with a high strength, nonwoven needle-punched polypropylene filter fabric that is heat bonded to the core. Heat bonding increases the bond strength of the fabric to the core. The fabric allows water to pass into the drainage core while filtering out extremely fine particulates. The plastic core provides compressive strength and allows high capacity flow to the TREMDrain Total Drain.

TREMDrain drainage geocomposite is manufactured with a combination of virgin and post-industrial recycled polypropylene to ensure that the product provides the ultimate in compressive strength, impact resistance and environmental stability. The geotextiles used to filter soils are sourced from National Transportation Product Evaluation Program (NTPEP) certified manufacturers meeting the highest standards in the industry.

Basic Uses

TREMDrain 6600 can be used with TREMProof® 250GC, TREMProof 201/60, TREMProof 260, TREMProof 6100 and all Paraseal® Membranes. TREMDrain 6600 is designed for vertical and selected horizontal installations requiring high compressive strength and high flow capacity.

TREMDrain 6600 is ideal for use in Tremco bonded systems in high velocity wind zones. Heat bonding the filter fabric to the core provides additional strength in high velocity wind applications. Please contact your local Tremco Sales Representative for project specific applications and recommendations.

Features and Benefits

- Heat bonding the filter fabric to the core provides additional strength in this drainage board.

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

Limitations

- TREMDrain drainage and protection materials are not for use beneath sand-set, vehicular paver applications
- 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 Services for specific design requirements and guidance on installation of Tremco bonded systems used in high velocity wind zone applications.

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 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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TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	US VALUES	SI VALUES
Typical Applications		Tremco horizontal bonded systems in high velocity wind zones	
Roll Length		50'	15.24 M
Roll Width		6'	1.8 M
Roll Weight		68 lb	30.8 kg
Recycled Content		>50%	
Fabric Properties			
Material		nonwoven needle-punched polypropylene	
Grab Tensile Strength	ASTM D4632	160 lbf	712 N
Grab Elongation	ASTM D4632	70%	
AOS	ASTM D4751	70 sieve	0.21 mm
Flow Rate	ASTM D4491	110 gpm/ft ²	4,483 Lpm /M ²
Permittivity	ASTM D4491	1.8 sec ⁻¹	
Root Barrier Fabric		None	
UV Resistance	ASTM D4355	70% /500 hr	
CBR Puncture Strength	ASTM D6241	450 lb	2000 N
Core Properties			
Material		Polypropylene	
Flow Capacity per unit width	ASTM D4716	18 gpm/ft	223 Lpm/M
Thickness	ASTM D1777	0.4"	
Compressive Strength	ASTM D1621	18,000 lb/ft ²	862 kPa
	ASTM D6364	18,000 lb/ft ²	862 kPa

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