

Tremco Incorporated certifies that TREMDrain Total Drain multi-composite drainage and protection boards meet the physical properties outlined in the Tremco Incorporated published data sheets, specifications, and application instructions. This product has been tested against the following ASTM methods as shown herein:

**TREMDrain® TotalDrain**  
Multi-Composite Drainage and Protection Boards

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	TEST METHOD	VALUES US	VALUES SI
Typical Applications		Backfilled Walls, Blindsided Walls	
Flow Capacity per unit width	ASTM D4716	Transition: 18 gpm/ft High Profile: 80 gpm / ft	Transition: 224 Lpm/M High Profile: 994 Lpm/M
Roll Length		50' (15.24 M)	
Roll Width		2' 0.61 M	
Roll Weight		30 lb (13.61 kg)	
<b>Fabric</b>			
Material		Nonwoven Needle-punched Polypropylene	
Weight	ASTM D3776	4 oz/yd <sup>2</sup> (135.62 g/M <sup>2</sup> )	
Grab Tensile Strength	ASTM D4632	115 lbf (512 N)	
Puncture Strength	ASTM D4833	70 lb (311 N)	
Trapezoidal Tear	ASTM D4533	60 lbf (266 N)	
Mullen Burst Strength	ASTM D3786	250 psi (1,724 kPa)	
Grab Elongation	ASTM D4632	70%	
AOS	ASTM D4751	70 sieve	210 micron
Permittivity	ASTM D4491	2.2 sec <sup>-1</sup>	
Flow Rate	ASTM D4491	150 gpm/ft <sup>2</sup>	6,113 Lpm/M <sup>2</sup>
Root Barrier Fabric		None	
<b>Core</b>			
Material		Polystyrene	
Thickness	ASTM D1777	7/16", 1"	11 mm, 25 mm
Compressive Strength		9,000 lb/ft <sup>2</sup>	43, 941/kN/M <sup>2</sup>