

Tremco Incorporated certifies that TREMDrain GS 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® GS**  
Multi-Composite Drainage and Protection Boards

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	TEST METHOD	VALUES US	VALUES SI
Typical Applications		Planters	
Flow Capacity per unit width	ASTM D4716	18 / 80 gpm/ft	224 / 994 Lpm/M
Roll Length		50'	15.24 M
Roll Width		4' (1/2"), 3' (1")	1.22 M (1/2"), 0.91 M (1")
Roll Weight		40 lb (1/2"), 44 lb (1")	18.14 kg (1/2"), 19.95 kg (1")
<b>Fabric</b>			
Material		spun-bonded Polypropylene	
Weight	ASTM D3776	4 oz/yd <sup>2</sup>	135.62 g/M <sup>2</sup>
Grab Tensile Strength	ASTM D4632	145 lbf	645 N
Puncture Strength	ASTM D4833	50 lbf	222 N
Trapezoidal Tear	ASTM D4533	70 lbf	311 N
Mullen Burst Strength	ASTM D3786	150 psi	1,034 kPa
Grab Elongation	ASTM D4632	60%	
AOS	ASTM D4751	80 sieve	180 micron
Permittivity	ASTM D4491	1.0 sec <sup>-1</sup>	
Permeability	ASTM D4491	0.03 cm/sec	
Flow Rate	ASTM D4491	80 gpm/ft <sup>2</sup>	3,264 Lpm/M <sup>2</sup>
Root Barrier Fabric		Copper Hydroxide Treated Non-woven, Needle-punched Polypropylene Available	
UV Resistance	ASTM D4355		
<b>Core</b>			
Material		Polystyrene	
Thickness	ASTM D1777	1/2", 1"	12 mm, 25 mm
Compressive Strength		15,000 lb/ft <sup>2</sup> 9,000 lb/ft <sup>2</sup>	73,236 kg/M <sup>2</sup> 43,941 kg/M <sup>2</sup>