

Product Description

TREMDrain® GS drainage mats consist of a perforated polystyrene core, with fabrics attached to both sides.

Basic Uses

TREMDrain GS is designed to be used in applications such as vegetative roof systems or greenscapes where some water retention is desired.

Features and Benefits

- Installed with the dimples down, the core also functions as a water retention layer.
- Is also available as a copper hydroxide-treated nonwoven, needle-punched fabric for systems with aggressive root structures.
- Water retention of TREMDrain GS 1/2" core is 0.06 gal/ft² and of GS 1" core is 0.11 gal/ft².

Availability

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

Packaging

1/2": 4' x 50' (1.22 M x 15.8 M), 1": 3' x 50' (0.91 M x 15.8 M)

Storage

Store out of direct sunlight. Vertical storage recommended.

Limitations

- Not for use beneath sand-set vehicular pavers.
- When installing TREMDrain GS, the type of plants and/or vegetation, soil type and other related issues should be reviewed and specified by a regional horticulturist for accurate selection of vegetation for your specific region.
- 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

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.

TREMDrain® GS

Multi-Composite Drainage and Protection Boards

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	VALUES US	VALUES SI
Typical Applications		Planters	
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")
Recycled Content		>60%	
Fabric			
Material		Non-woven Needle-Punched Polypropylene	
Grab Tensile Strength	ASTM D4632	124 lbf	550 N
CBR Puncture	ASTM D6241	292 lb	1301 N
UV Resistance	ASTM D4355	50% / 500 hrs	
Grab Elongation	ASTM D4632	55%	
AOS	ASTM D4751	200 sieve	75 micron
Permittivity	ASTM D4491	0.34 sec ⁻¹	
Flow Rate	ASTM D4491	26 gpm/ft ²	1059 Lpm/M ²
Root Barrier Fabric		Copper Hydroxide Treated Non-woven, Needle-punched Polypropylene Available	
Core			
Material		Polystyrene	
Flow Capacity per unit width	ASTM D4716	16 / 6 gpm/ft	200 / 75 Lpm/M
Thickness	ASTM D1777	1/2", 1"	
Compressive Strength		15,000 lb/ft ² 9,000 lb/ft ²	73,236 kg/M ² 43,941 kg/M ²

1119/TDGSDS-BG**Tremco Commercial Sealants & Waterproofing**

3735 Green Rd
 Beachwood OH 44122
 216.292.5000 / 800.321.7906

1451 Jacobson Ave
 Ashland OH 44805
 419.289.2050 / 800.321.6357

220 Wicksteed Ave
 Toronto ON M4H1G7
 416.421.3300 / 800.363.3213

1445 Rue de Coulomb
 Boucherville QC J4B 7L8
 514.521.9555

