
PRODUCT DESCRIPTION

Designed specifically for Green Roof applications, the TREMDrain GS provides an economical solution for drainage, aeration, water storage, soil retention, root barrier, and waterproofing membrane protection in one easy lightweight product. TREMDrain GS provides a flow capacity suitable for most applications and functions as part of a complete Roof Assembly system.

BASIC USES

- TREMDrain GS is ideal for Tremco bonded systems in applications such as vegetative roof systems or greenscapes where some water retention is desired.

FEATURES & BENEFITS

- Installed with dimples down, the core functions as a water retention layer.
- Water retention of TREMDrain GS ½ in core is 0.06 gal/ft²
- Water retention of TREMDrain GS 1 in core is 0.11 gal/ft²

AVAILABILITY

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

PACKAGING

TREMDrain GS 1/2 in: 4 ft x 50 ft (1.22 M x 15.24 M) rolls

TREMDrain GS 1 in: 3 ft x 50 ft (0.91 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.
- 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.

INSTALLATION

Refer to TREMDrain Series Application Instructions for specific application details. The techniques included may require modifications to adjust to jobsite conditions. Consult your local Tremco Sales Representative or Tremco Technical Service for specific design requirements.

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	VALUES US	VALUES SI
Typical Applications		Planters	
Roll Length		50 ft	15.24 M
Roll Width	½ in core	4 ft	1.22 M
	1 in core	3 ft	0.91 M
Roll Weight	½ in core	40 lb	18.14 kg
	1 in core	44 lb	19.95 kg
Recycled Content		>60%	
FABRIC			
Material		Nonwoven 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	
Permittivity	ASTM D4491	0.34 sec ⁻¹	
Grab Elongation	ASTM D4632	55%	
AOS	ASTM D4751	200 sieve	75 microns
Flow Rate	ASTM D4491	26 gpm/ft ²	1059 Lpm/M ²
Root Barrier Fabric		Nonwoven Needle-punched Polypropylene	
CORE			
Material		Polystyrene	
Thickness	ASTM D1777	½ in	12 mm
		1 in	25 mm
Flow Capacity per unit width	ASTM D4716	½ in core: 6gpm/ft 1 in core: 21 gpm/ft	
Compressive Strength		½ in core: 15,000 lb/ft ²	73,236 kPa
		1 in core: 9,000 lb/ft ²	43,941 kPa

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.

TDGS/0123

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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