
PRODUCT DESCRIPTION

TREMDrain QSP (Quick Set Panel) is a three-part prefabricated drainage panel and protection board, designed specifically to reduce installation time and improve membrane curing time. Consisting of a formed perforated polystyrene core covered on the dimple side with a nonwoven, needle-punched polypropylene filter fabric along with a breathable crosshatched fabric on the backside, the lightweight panels are quick and easy to install. TREMDrain QSP offers an economical drainage solution saving contractors time and money.

BASIC USES

- TREMDrain Total Drain is designed only for vertical application where a fast-tracked application with liquid applied membranes is desired.
- TREMDrain Total Drain is used in conjunction with TREMproof™ waterproofing and Paraseal® membranes serving both as a protection course and replacement for traditional pipe and stone drainage systems.

FEATURES & BENEFITS

- Size of panels allows for quick installation over the cold fluid-applied membranes.
- Perforated drainage core allows membrane to cure even after installation.

AVAILABILITY

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

PACKAGING

4 ft x 4 ft (1.22 M x 1.22 M) panels
145 panels, 2320 ft² (216 M²) per pallet

STORAGE

Store out of direct sunlight. Vertical storage recommended.

LIMITATIONS

- Not for use beneath sand-set and vehicular pavers.
- Not to be used as an exposed or wearing surface. Limit UV exposure to a maximum of 14 days.

INSTALLATION

Attach TREMDrain QSP to TREMproof 250 GC or TREMproof 260 by pressing the breathable fabric side of the panel lightly into the uncured membrane. The filter fabric on the dimple side faces the soil. There are flanges on two sides of the TREMDrain QSP. When installing the panel, the flanges should be rotated from top to side every other panel to ensure soil does not enter the core during backfill. Using membrane material to glue the flaps may assist in accomplishing this. Panels that are not connecting to another panel must be secured. These edge panels must be terminated with tape or fabric.

Corners: Cut the drain core and provide 3" of fabric to wrap in the corner to make inside corners. For outside corners, cut the drain core to reach corner and provide 3" (7.5 cm) of extra fabric to wrap around the corner. Attach TREMDrain QSP to the wall and overlap fabric.

Backfilling: Soil should be placed and compacted directly against the drain after membrane is completely cured. Direct compactor exhaust away from the drain to prevent damage. Backfill to a minimum of 6" (15 cm) above drainage to allow for coverage after settlement. Allow the membrane to fully cure per the manufacturer's recommendation before backfilling. At the grade line, using a utility knife, cut back 4" of the core, taking care not to cut the fabric. Fold the fabric back behind the core so that the top of the drainage is completely covered to prevent any backfill material from entering the core.

NOTE: Do not mechanically fasten through the cold fluid-applied waterproofing membrane.

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	Quick Set Vertical Applications		
Roll Length		4 ft	1.22 M
Roll Width		4 ft	1.22 M
Roll Weight		410 lb	185.97 kg

FILTER FABRIC PROPERTIES

Material		Nonwoven Needle-punched Polypropylene	
Grab Tensile Strength	ASTM D4632	110 lbf	489 N
Puncture	ASTM D4833	65 lb	289 N
Trapezoidal Tear	ASTM D4533	50 lb	222 N
Mullen Burst Strength	ASTM D3786	215 psi	1482 kPa
Grab Elongation	ASTM D4632	60%	
AOS	ASTM D4751	100 sieve	150 micron
Permittivity	ASTM D4491	1.6 sec ⁻¹	
Permeability	ASTM D4491	0.39 cm/sec	
Flow Rate	ASTM D4491	150 gpm/ft ²	6110 Lpm/M ²
Root Barrier Fabric		None	

BREATHABLE FABRIC PROPERTIES

Material		Polypropylene	
Grab Tensile Strength			
Machine Direction	ASTM D1682	95 lb	423 N
Cross Machine Direction		82 lb	365 N
Grab Elongation			
Machine Direction	ASTM D4632	50%	
Cross Machine Direction		50%	

CORE PROPERTIES

Material		Polystyrene	
Thickness	ASTM D1777	1/4 in	6.35 mm
Flow Capacity per unit width	ASTM D4716	18 gpm/ft	224 Lpm/M
Compressive Strength		10,800 lb/ft ²	527 kN/M ²

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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tremcosealants.com | 800.321.7906



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com