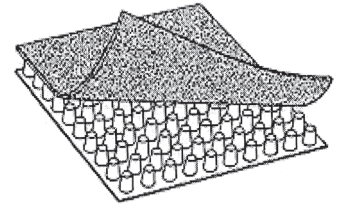


TREMDrain™ QSP

Quick Set Panels



Product Description

TREMDrain™ QSP (Quick Set Panels) is a three-part prefabricated drainage panel and protection board consisting of a formed perforated polystyrene core covered on dimple side with a non-woven, needle-punched polypropylene filter fabric along with a breathable cross hatched fabric on the backside. The non-woven fabric allows water to pass into the drainage core while restricting the movement of soil particles. The plastic core provides a compressive strength and allows the flow of water to the TREMDrain Total-Drain System. The crosshatched fabric allows the panels to adhere to the wet tacky membrane and still allows the membrane to cure from the flow of air through the perforated drainage core.

Basic Uses

TREMDrain QSP is used in conjunction primarily with TREMproof 250 GC and TREMproof 260 along with TREMproof 201/60 and Paraseal Membranes. TREMDrain QSP is designed only for vertical application where a fast-tracked application with liquid applied membranes is desired. NOTE: TREMDrain drainage and protection materials are not for use beneath sand-set, vehicular paver applications.

Packaging

4 ft x 4ft (1.22m x 1.22m) panels 145 panels, 2320 sq ft (216 sq m) per pallet

Installation

Attach TREMDrain QSP to TREMproof 250 GC or TREMproof 260 by pressing the breathable fabric side of the panels 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 panels, 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" (7.5cm) 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 minimum 6" (15cm) above drain to allow for coverage after settlement. Allow the membrane to cure per the manufacturer's recommendation before backfilling.

Availability

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

Warranty

Tremco warrants its TREMDrain 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, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to TREMDrain products. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase of the quantity of TREMDrain products proved to be defective and Tremco shall not be liable for any loss or damage.

TYPICAL PHYSICAL PROPERTIES

Physical Properties	Us Value	Si Value	Test Method
Filter Fabric Properties			
Material	Polypropylene	Polypropylene	
Weight	4oz/yd ²	136g/m ²	ASTM D3776
Grab Tensile strength	110lbs.	485N ASTM	D4632
Puncture strength	65lbs.	285N	ASTM D4833
Trapezoidal tear	50lbs.	220N	ASTM D4533
Mullen burst strength	215psi	1430kPa	ASTM D3786
Grab elongation	60%	60%	ASTM D4632
AOS	100 sieve	150 micron	ASTM D4751
Permittivity	1.6 sec-1	1.6 sec-1	ASTM D4491
Permeability	0.39cm/sec	0.39cm/sec	ASTM D4491
Flow rate	150gpm/ft ²	6,110lpm/m ²	ASTM D4491
Breathable Fabric Properties			
Material	Polypropylene	Polypropylene	
Weight	2.50oz/yd ²	85g/m ²	ASTM D3776-79
Grab Tensile Strength			
Machine Direction	95lbs.	423N	ASTM D1682
Cross Machine Direction	82lbs.	365N	
Grab Elongation			
Machine Direction	50%	50%	ASTM D4632
Cross Machine Direction	50%	50%	
Core Properties			
Material	Polystyrene	Polystyrene	
Thickness	0.25 inch	6.35mm	
Compressive strength	10,800lbs/ft ²	527kN/m ²	ASTM D1621 (Mod.)
Product Properties			
Flow capacity per unit width	9gpm/ft	112lpm/m	ASTM D4716
Panel Width	4 ft.	1.22m	
Panel Length	4 ft.	1.22m	
Pallet Weight	410lbs.	185kg	
145 Panels per pallet			



Tremco Commercial Sealants & Waterproofing

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