



TECHNICAL DATA SHEET

DRAINSTAR® STRIPDRAIN

Drainage System

PRODUCT DESCRIPTION

DrainStar Stripdrain is a two part prefabricated drainage system designed to collect and move below grade water while straining out backfill soils and other particles.. DrainStar Stripdrain is an effective replacement for traditional foundation drain tile and gravel systems, and can be applied to waterproofing applications with or without added foundation drainage boards.

BASIC USES

DrainStar Stripdrain can be applied to below grade waterproofing applications with or without foundation drainage boards. However, applications with foundation drainage boards provide additional assurance that the drainage system will remove to maximum amount of water from the soil as quickly as possible.

FEATURES AND BENEFITS

- By combining DrainStar Strip drain with 12 to 24 inches of quality foundation drainage board such as WARM-N-DRI, you'll match the water collection area of a drain tile and gravel system.
- Exceptional ability to hang on the wall and build targeted thickness, spanning below grade foundation wall cracks of up to 1/8 in with a cured thickness of 60 mils.
- Durability with exceptional elongation and crack-bridging characteristics.

LIMITATIONS

- For applications with foundation drainage boards, the DrainStar Stripdrain should be applied with the dimples facing inward toward the drainage board.
- For applications without foundation drainage board, the dimples should be facing outward.
- Not to be used as an exposed or weathering surface. Limit UV exposure of a maximum of 30 days.

TYPICAL PHYSICAL PROPERTIES

PROPERTY		STRIPDRAIN 6"	STRIPDRAIN 12"
Material		Polypropylene, Needle-Punched Nonwoven	Polypropylene, Needle-Punched Nonwoven
PROPERTY	TEST METHOD	TYPICAL RESULTS	
GrabTensileStrength	ASTM D-4632	115lbs	115lbs
GrabElongation	ASTM D-4632	70%	70%
CBRPunctureStrength	ASTM D-6241	320lbs	320lbs
Water Flow Rate	ASTM D-4491	150 gpm/ft2	150 gpm/ft2
Permittivity	ASTM D-4491	2.4sec -1	2.4sec -1
ApparentOpeningSize*	ASTM D-4751	70sieve	70sieve
UVResistance	ASTM D-4355	70%/500 hr	70%/500 hr
CORE			

TYPICAL PHYSICAL PROPERTIES

Material		High Impact Polystyrene	High Impact Polystyrene
Thickness	ASTM D-1777	1 in	1 in
CompressiveStrength	ASTM D-1621	6,000psf	6,000psf
In-Plane FlowRate**	ASTM D-4716	21gpm/ft	21gpm/ft
*Apparent Opening Size is Maximum Average Roll Value			
**In-Plane Flow Rate measured under 3,200 psf (172 kPa) compressive load at hydraulic gradient of 0.1			

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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