



DrainStar® Stripdrain

Drainage System

DATA SHEET

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 & 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.
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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.

Typical Physical Properties

PROPERTY		STRIPDRAIN 6"	STRIPDRAIN 12"
Material		Polypropylene, Needle-Punched Nonwoven	Polypropylene, Needle-Punched Nonwoven
PROPERTY	TEST METHOD	TYPICAL RESULTS	
Grab Tensile Strength	ASTM D4632	115 lb	115 lb
Grab Elongation	ASTM D4632	70%	70%
CBR Puncture	ASTM D6241	320 lb	320 lb
Water Flow Rate	ASTM D4491	150 gpm/ft ²	150 gmp/ft ²
Permittivity	ASTM D4491	2.4 sec ⁻¹	2.4 sec ⁻¹
Apparent Opening Size*	ASTM D4751	70 sieve	70 sieve
UV Resistance	ASTM D4355	70% / 500 hr	70% / 500 hr
CORE			
Material		High Impact Polystyrene	High Impact Polystyrene
Thickness	ASTM D1777	1 in	1 in
Compressive Strength	ASTM D1621	6,000 psf	6,000 psf
In-Plane Flow Rate**	ASTM D4716	21 gpm/ft	21 gpm/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

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