

# DRAINSTAR® STRIPDRAIN

Drain Away Water, Not Time

## Product Overview

DrainStar® Stripdrain features two hard-working components:

1. A rigid polymer core of engineered cones that collect and move water to designated drainage exits
2. A non-woven, needle-punched geotextile filter fabric to strain out backfill soils and other particles

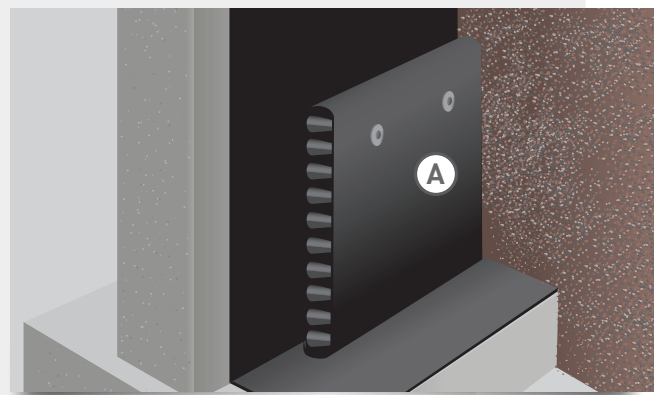
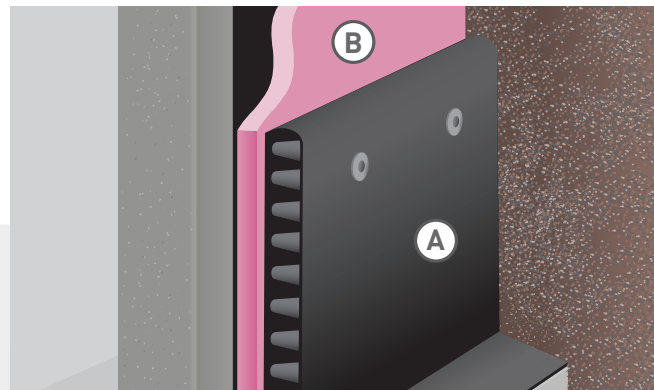
Your barrier solutions contractor can install an effective foundation drainage system at the same time they're on site to install your basement waterproofing system! With just one call, you can take care of all your foundation water protection needs.

Drain tile and gravel systems have a water collection area of a minimum 24 square inches per foot in length. By combining DrainStar **(A)** with 12 to 24 inches of a quality foundation drainage board such as WARM-N-DRI® **(B)**, you'll match the water collection area of a drain tile and gravel system. WARM-N-DRI board has a 35-year track record of below-ground drainage performance.

## Features & Benefits

DrainStar 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. However, applications with foundation drainage boards provide additional assurance that the drainage system will remove the maximum amount of water from the soil as quickly as possible. These applications include those with full-wall coverage of drainage boards, or those with 12 to 24 inches of drainage board at the footer.

The proper orientation of the DrainStar during application is important for effectiveness of the application. For applications with foundation drainage boards, the DrainStar should be applied with the 'dimples' inward toward the drainage board. For applications without foundation drainage board, DrainStar should be applied with the 'dimples' facing outward.



## Installed by Experts

DrainStar is designed to be used in combination with TUFF-N-DRI®, WATCHDOG Waterproofing® and other quality waterproofing products from Tremco. Your Tremco Contractor has the experience and training to ensure quality application of DrainStar and the waterproofing product you prefer.

## Flow Characteristics

Both 6" and 12" DrainStar provide a water flow rate of 150 gallons/ft<sup>2</sup>/minute (when tested to ASTM D4491).

## Specifications

TECHNICAL DATA		STRIP DRAIN 6"	STRIP DRAIN 12"
Physical Properties	Test Method		
<b>FABRIC</b>			
Material		Polypropylene, Needle-Punched Nonwoven	Polypropylene, Needle-Punched Nonwoven
Grab Tensile Strength	ASTM D4632	115 lbs	115 lbs
Grab Elongation	ASTM D4632	70%	70%
CBR Puncture	ASTM D6241	320 lbs	320 lbs
Water Flow Rate	ASTM D4491	150 gpm/ft <sup>2</sup>	150 gpm/ft <sup>2</sup>
Permittivity	ASTM D4491	2.4 sec <sup>-1</sup>	2.4 sec <sup>-1</sup>
Apparent Opening Size*	ASTM D4751	70 sieve	70 sieve
UV Resistance	ASTM D4355	70%/500	70%/500
<b>CORE</b>			
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 3,600 psf (172 kPa) compressive load at hydraulic gradient of 0.1

Check out DrainStar today. For more information about DrainStar, talk to your local Tremco Contractor, call Tremco at **800-DRY-BSMT** or visit **tremcosealants.com**.

Tremco Commercial Sealants & Waterproofing | 3735 Green Road | Beachwood, OH 44122 | US: 800.852.9068 | CAN: 800.363.3213 | tremcosealants.com

Tremco Construction Products Group (CPG) brings together Tremco Incorporated's Commercial Sealants & Waterproofing and Roofing & Building Maintenance operating divisions; Dryvit Systems, Inc.; Nudura Inc.; Willseal; Weatherproofing Technologies, Inc. and Weatherproofing Technologies Canada, Inc.



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