



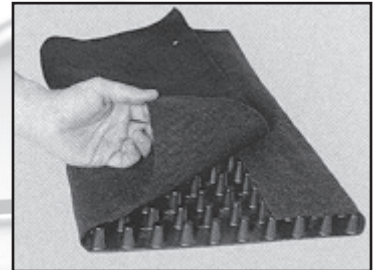
# Specification Sheet

# DrainMax™

2034-C Van Buren Ave. • Indian Trail, NC 28079 • Phone: 704.334.8222

**DrainMax™** is a prefabricated strip drain designed to provide a flexible subterranean drainage solution in place of French Drain and is approved for use as a foundation drain. DryDog Barriers provides a variety of **DrainMax™** transition fittings to make installation fast, easy, and effective.

Core Property	Test Method	Value
<b>FABRIC PROPERTIES</b>		
Material	Polypropylene	
Grab Tensile Strength	ASTMD-4632	110 lbs
Puncture Strength	ASTMD-4833	65 lbs
Trapezoidal Tear	ASTMD-4533	50 lbs
Mullen Burst Strength	ASTMD-3786	215 psi
Elongation	ASTMD-4632	60%
EOS (AOS)	ASTMD-4751	100 sieve
Permittivity	ASTMD-4491	1.6 sec
Permeability	ASTMD-4491	0.3 cm/sec
Flow Rate	ASTMD-4491	150 g/min/ft
UV Resistance (After 500 hrs.)	ASTMD-4355	70%
<b>DRAIN PROPERTIES</b>		
Peel Strength	ASTMD-1876	38 lbs/ft
Compressive Strength	ASTMD-1621 (Mod.)	6,000-9000 lbs/ft
Shear Strength	ASTMD-1621 (Mod.)	6,000-9000lbs/ft
Fungus Resistance (Core)	ASTMG-21	No Growth
Unobstructed Inflow Area (Primary Side)		85%
In-Plane Flow (Hydraulic gradient=0.1, Loading=10 psi)	ASTMD-4716	21 gpm/ft width



For more application  
information visit  
[www.drydogbarriers.com](http://www.drydogbarriers.com)  
or email us  
[info@drydogbarriers.com](mailto:info@drydogbarriers.com)



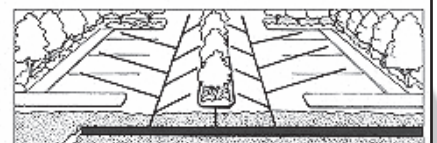
For golf course tees, fairways and greens



For other athletic fields or recreational areas



For residential and commercial properties



For parking areas and planters

The information and recommendations discussed in this publication are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming test should be run in your own plant or laboratory. No statement should be construed as a recommendation for any use, which would violate any patent rights. Nothing contained herein shall constitute a warranty with respect to the products described or their use.

DrainMax™  
Issue: A  
Revision: 1  
Date: 06/08/05



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## Description

DrainMax™ soil strip drain is a two-part prefabricated soil strip drain consisting of a formed polystyrene core covered on all sides with a nonwoven, needle-punched polypropylene filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core. The core allows the water to flow to designated drainage exits.

## Basic Uses

DrainMax™ soil strip drain is designed to replace perforated pipe and stone drainage systems in various applications. It provides a significantly higher flow rate as well as increased ease of handling and installation. The product can be used alone or with other American Wick Drain products, depending on the application.

## Packaging

- 6" x 150' Rolls
- 12" x 150' or 500' Rolls
- 18" x 150' or 500' Rolls
- 24" x 150' or 500' Rolls
- 36" x 100' Rolls

## Drain Attachment Methods:

When attachment to waterproofing material, concrete or wood is necessary, several methods may be used including metal stick pins, nails driven through washers or wood lathing, construction adhesives or double sided tape. Discuss materials compatibility with waterproofing supplier before using adhesives. Typically any method used for attaching waterproofing protection board will work with drain.

## Outlets:

Fittings are available to connect DrainMax™ to 4" pipe. These are available in several configurations, depending on drain width and pipe location. Details are available upon request.

## Splices:

Splices are available for 6" DrainMax™. Other widths are spliced by peeling back the fabric and interlocking the dimpled core. Afterwards, replace the fabric and secure with tape.

## Corners:

Fittings are available for bending drain around corners. Detailed instructions for installation of fittings available upon request.

## Backfilling:

Soil should be placed and compacted directly against the drain. Direct compactor exhaust away from drain to prevent damage. Backfill to a minimum 3" above drain to allow for coverage after settlement.

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