

DRAINMAX™ STRIP DRAIN

7 FLUID APPLIED | Membrane Waterproofing

DESCRIPTION

DrainMax™ soil strip drain is a two-part pre-fabricated 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.

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 GMX Drain products, depending on the application.

PACKAGING

- 6" x 150' Rolls
- 12" x 150' Rolls

INSTALLATION

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.

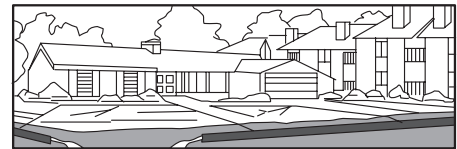
Outlets - Fittings are available to connect DrainMax to 4" pipe. These are available in several configurations, depending on drain width and pipe location. Details are available upon request.

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

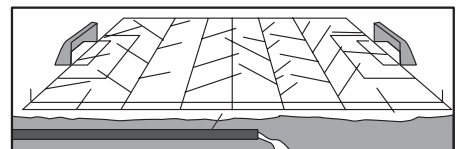
Backfilling - Soil should be placed and compacted directly against the drain. Direct compactor exhaust away from drain to prevent damage. Backfill to a minimum 3" above drain to allow for coverage after settlement.



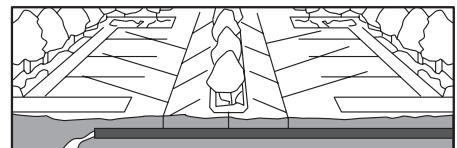
For golf course tees, fairways and greens



For residential and commercial properties



For other athletic fields or recreational areas



For parking areas and planters

DRAINMAX™ STRIP DRAIN

7 FLUID APPLIED | Membrane Waterproofing

TECHNICAL SERVICES | PRODUCT SPECIFICATIONS Type: Polypropylene Strip Drain

Core Properties	Test Method	Value
GEOTEXTILE FABRIC PROPERTIES		
Material	Polypropylene	
Grab Tensile Strength	ASTM D 4632	110 lbs.
Trapezoidal Tear	ASTM D 4533	50 lbs.
Grab Elongation	ASTM D 4632	70%
EOS (AOS)	ASTM D 4751	100 sieve
Permittivity	ASTM D 4491	1.6 sec
Water Flow Rate (through geotextile)	ASTM D 4491	150 g/min/ft
UV Resistance (After 500 hrs.)	ASTM D 4355	70%
DRAIN PROPERTIES		
Compressive Strength	ASTM D 1621 (Mod.)	6,000-9000 lbs./ft.
Unobstructed Inflow Area (Primary Side)		85%
In-Plane Flow (Hydraulic gradient=0.1, Loading=10 psi)	ASTM D 4716	21 gpm/ft width

May help to contribute to LEED® credits:

EA Credit 1:	Optimize Energy Performance
EQ Credit 3.1:	Construction IAQ Management Plan: During Construction
EQ Credit 4.2:	Low Emitting Materials: Paints and Coatings
MR Credit 5.1:	Regional Materials: 10% Extracted, Processed and Manufactured Regionally
MR Credit 5.2:	Regional Materials: 20% Extracted, Processed and Manufactured Regionally