



TECHNICAL DATA SHEET
Henry MiraDRAIN
Base Drain
Prefabricated Drainage Composite

Fabric Properties	Typical Value	Test Methods
Grab Tensile Strength	115 lbs (512 N)	ASTM D4632
Grab Elongation	70%	ASTM D4632
Puncture Resistance	320 lbs (1423 N)	ASTM D6241
Trapezoidal Tear	50 lbs (222 N)	ASTM D4533
Water Flow Rate	150 gpm (6113 L/min)	ASTM D4491
Apparent Opening Size	70 (0.21)	ASTM D4751
Core		
Material	HIPS	
Thickness	.44 – 1 in (11 – 25.4 mm)	ASTM D1777
Compressive Strength	9000 lbs/ft ² (431 kpa)	ASTM D1621
*Flow Rate @ HG 0.1	21 gpm (261 L/min)	ASTM D4716
*Flow Rate @ HG 1.0	80 gpm (994 L/min)	ASTM D4716
Roll Size	2' x 50'	
Roll Weight	28 lbs	

* In plane flow rate @ 3600 psf compressive load & referenced hydraulic gradient (HG)

Description

Henry MiraDRAIN Base Drain is designed to provide a high-flow collection system to replace costly perforated pipe and stone collection systems for vertical wall applications in conjunction with **Henry MiraDRAIN** products. **Henry MiraDRAIN Base Drain** is designed to handle the water volume generated by prefabricated drainage composites more efficiently. Utilize **Henry MiraDRAIN Universal Tees** and **MiraDRAIN End Out Connectors** to connect to dewatering or drainage system. **Henry MiraDRAIN Universal Tees** and **MiraDRAIN End Out Connectors** can be used to transition water to 4" smooth or corrugated pipe.

Features and benefits

- Easy to handle and install
- Strong and durable with high compressive strength and tear resistance
- High impact polystyrene
- Non-woven filter fabric

Preparation

Ensure that the primary waterproofing system has been installed and inspected prior to installing **Henry MiraDRAIN Base Drain**. Flood tests may also need to be complete prior to the application of the **Henry MiraDRAIN Base Drain**.

Henry MiraDRAIN Base Drain is used as a component of a Henry high performance waterproofing assembly in vertical applications. The **Henry MiraDRAIN Base Drain** enhances the performance of the watertight layer by directing water quickly and safely to a drain and drain system. Utilize **Henry MiraDRAIN Universal Tees** and **MiraDRAIN End Out Connectors** to connect to dewatering or drainage system. Used in foundation walls, retaining walls and other areas where a high performance system is desired.

Application

Attach **Henry MiraDRAIN Base Drain** to vertical surfaces using Henry cold applied adhesives, **Blueskin® PreSeal™ Tape 50S**, and nails driven through washers, or other approved method.

Vertical Application: When installed vertically, the flange should be at the upstream edge. This flange position minimizes the seepage of water behind the drain similar to the way roof shingles work.

Overlaps: Pull back loose fabric to expose drain core. Position core of second panel over the overlap flange of first panel. Overlap in direction of water flow. Tuck fabric behind core at all outside edges.

Backfilling: Soil should be placed and compacted directly against the drain.

Product size

Henry MiraDRAIN Base Drain:	2' x 50' Rolls
Henry MiraDRAIN Base Drain Universal Tees:	Non-sized item, 4" outlet
Henry MiraDRAIN End Out Connectors:	Non-sized item, 4" outlet

Limited Warranty

Contact Warranty Department at www.henry.com/warranty or location shown below for product or systems warranty information.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on the Henry® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.
Covered by US patent 6,901,712; Canadian patent 2,413,550.

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