

Physical property	Typical value	Test method
Specific Gravity	1.60	ASTM D71
Hardness	75 dmm	ASTM D127
Solids Content	100%	ASTM C681
Unrestricted	300%	-
Shelf Life	2 years minimum	-
Storage Temperature	-10F to 90F	-
Application Temperature	-10F to 120F	-
Service Temperature	-50F to 190F	-

### Description

**MiraSTOP BW** is a Bentonite Waterstop that swells when in contact with water. This high quality, self-adhering, flexible, coiled waterstop strip is comprised of butyl rubber polymers and expandable bentonite clay waterproofing joint compound.

**MiraSTOP BW** is designed for use in non-moving joints to create watertight concrete joints. **MiraSTOP BW** is ideal for many types of cast-in-place and precast below-grade concrete applications, such as: construction joints in foundation slabs and below-grade walls, precast concrete wall panel systems, septic tanks, sanitary and storm sewer manholes, pipes, utility and burial vaults, wet walls, box culverts and portable water tanks.

**MiraSTOP BW** prevents infiltration of below-grade moisture in non-moving joints. When water comes in contact with **MiraSTOP BW** it swells to form a strong compression seal.

**MiraSTOP BW** is ideal for a variety of applications:

- Vertical and horizontal concrete 8" (200 mm) thick or greater
- Shotcrete foundation walls
- High hydrostatic pressures
- Tie-back plates and penetrations

### Features and benefits

- Can be used in conjunction with **Henry®** Waterproofing Systems and **CCW** Waterproofing Systems
- Easy to install
- Applies in all dry weather conditions – flexible enough for virtually all season applications
- Non-toxic – needs no special handling
- Self-adhering

### Application

Remove dust, dirt, loose particles or any other materials that might cause areas of poor adhesion of the **MiraSTOP BW**. Best practice is to position the waterstop inboard of the steel reinforcement along the exterior face of the wall.

The use of a primer or adhesive is not required for smooth substrates. If additional securement is desired, an adhesive or mechanical fastening is acceptable. If using an adhesive, apply CCW-702, CCW-702WB, CCW-AWP, CCW CAV-GRIP® or TRAVEL-TACK™ 2" wide continuously along the joint. Allow the primer to dry to the touch (typically 30 minutes) prior to application of **MiraSTOP BW**. For rough substrates, **MiraSTOP SS** or mechanical fasteners should be used. Apply a minimum 3/8" bead of **MiraSTOP SS** centered where the **MiraSTOP BW** will be installed. Apply the **MiraSTOP BW** within 30 minutes of the **MiraSTOP SS**.

Remove one side of the release paper and firmly press **MiraSTOP BW** into the prepared substrate. Press any butt ends or splices together to ensure no separation or air pockets. Remove the remaining release paper and mechanically fasten the **MiraSTOP BW** as necessary. Position fasteners 1" from any ends or splices, and 10" on-center, or as-needed.

**Limitations**

- Do not allow premature hydration of **MiraSTOP BW**.
- **MiraSTOP BW** must have a minimum of 3" of concrete cover.

**Warnings**

- Review Safety Data Sheets before handling; available online at [www.carlisleccw.com](http://www.carlisleccw.com) or [www.henry.com](http://www.henry.com).
- Wear proper protective gloves, clothing, and eye/face protection.

**Product size/packaging**

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**MiraSTOP BW** = 1" x ¾" x 16'-8" coil, 6 rolls per box, 53 lbs.

**Storage**

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Always store **MiraSTOP BW** in a protected and dry location in original, unopened containers. Do not store in direct sunlight. When stored at temperatures of 40-86°F (4-30°C) in the original, unopened containers, shelf life is 12 months.

For more information, visit [www.henry.com](http://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](http://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](http://www.henry.com) or by emailing Henry® Product Support at [productsupport@henry.com](mailto:productsupport@henry.com) or by calling 800-486-1278.

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Covered by US patent 6,901,712; Canadian patent 2,413,550.

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