



# WATERPROOFING

## MiraSTOP™ NBW

### Description

MiraSTOP NBW is a **Non-Bentonite Waterstop** that swells when it comes in contact with water. This high-quality, flexible, coiled waterstop strip is comprised of chloroprene rubber.

MiraSTOP NBW is designed for use in non-moving joints to create watertight concrete joints. MiraSTOP NBW 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.

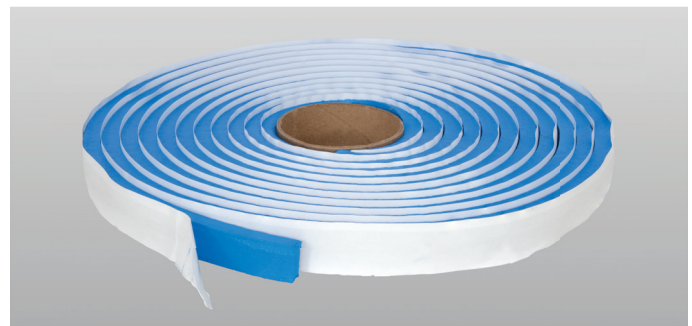
MiraSTOP NBW prevents infiltration of below-grade moisture in nonmoving joints. When water comes in contact with MiraSTOP NBW, it swells to form a strong compression seal.

MiraSTOP NBW 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 CCW Waterproofing Systems and Henry® Waterproofing Systems
- Easy to install
- Excellent resistance to many chemicals
- Cohesively strong
- Swells up to 400% of its original volume



### Installation

Surfaces should be clean and free of dust and grease but may be damp to the touch. Best practice is to position the waterstop inboard of the steel reinforcement along the exterior face of the wall.

Apply a minimum  $\frac{3}{8}$ " bead of MiraSTOP SS centered where the MiraSTOP NBW will be installed. Apply the MiraSTOP NBW within 30 minutes of the MiraSTOP SS.

Remove one side of the release paper and firmly press MiraSTOP NBW into the MiraSTOP SS. Apply a  $\frac{1}{8}$ "- $\frac{1}{4}$ " (3-6mm) bead of MiraSTOP SS to adhere splices of the MiraSTOP NBW waterstop. Remove the remaining release paper and mechanically fasten the MiraSTOP NBW as necessary. Position fasteners 1" from any ends or splices, and 10" on center, or as needed. Allow the MiraSTOP SS to cure for a minimum of 3 hours prior to concrete placement.

### Packaging

MiraSTOP NBW =  $\frac{3}{4}$ " x  $\frac{3}{8}$ " x 25' coil (20mm x 10mm x 7.62 meters);  
8 rolls per box

### Availability

Available through local CCW and Henry Representatives or Distributors. Visit [www.carlisleccw.com](http://www.carlisleccw.com) or [www.henry.com](http://www.henry.com) to contact us or select "Find a Rep or Distributor".

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### Limitations

Do not allow premature hydration of MiraSTOP NBW.

MiraSTOP NBW must have a minimum of 3" of concrete cover.

### Warnings and Hazards

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.

### Storage

Always store MiraSTOP NBW 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.

### Disposal

MiraSTOP NBW must be handled and disposed in accordance with local, state, and federal regulations.

### Physical Properties

Property	Typical Value
Color	Blue
Specific Gravity	1.25 – 1.40
Elongation	400%
Hardness	40 dmm
Hydrostatic Pressure Resistance	100 psi

### Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.