



WATERPROOFING

MiraSTOP™ IW

Description

MiraSTOP IW is an Injectible Waterstop that provides a conduit or channel for MiraSTOP Chemical Grouts to seal cold joints, construction joints, and penetrations. This injectable waterstop system is supplied as a kit and includes the injectable waterstop hose and all necessary accessories for ease of installation. This product is for use with MiraSTOP CG-F and MiraSTOP CG-HS Chemical Grouts.

The MiraSTOP IW injection hose is constructed of 1) a high-strength wire coil that prevents damage from concrete placement, 2) a filter fabric that prevents clogging from concrete placement, and 3) a protective mesh sleeve that allows grout to permeate from the injection hose and into the surrounding concrete.

MiraSTOP IW can be used in conjunction with CCW Waterproofing Systems and Henry® Waterproofing Systems.

Installation

Install MiraSTOP IW injection hose onto a smooth surface. If the surface is rough, fill any gaps between the surface and the hose with MiraSTOP SS. For joints, lay a 25-ft. maximum length of injection hose in the joint area ensuring there will be a minimum of 3 in. concrete cover. Secure the hose by fastening the clips at a minimum of 12 in. on-center, or as needed.

Attach the elbow connections to the ends of the injection hose. Ensure the hose connection has a snug connection prior to securing the connector with a fastening clip. Connectors between neighboring runs of injection hose should be separated by 2-3 in.; do not allow injection hoses to come in contact with one another to prevent “leap-frogging” or cross-contamination during grouting operations.

Attach the PVC tubing to the nipped end of both connectors for each run of injection hose. The tubing should be cut to length such that it extends beyond the concrete pour or formwork to allow future connection for grouting operations. Ensure the exposed ends of all tubing are protected from physical damage by other trades.

Injection

Allow concrete to cure for a minimum of 28 days prior to injection. Refer to MiraSTOP Chemical Grout Technical Data Sheets for more information.



Packaging

The MiraSTOP IW System is supplied as a kit that includes the injection hose, fastening clips, elbow connections, and reinforced PVC tubing; 1 kit per carton, 54 cartons per pallet.

MiraSTOP IW Kit	Qty/Carton
Injection Hose	100 ft.
Fastening Clips	100 units
Connectors	10 units
PVC Tubing	10 ft.

Availability

Available through local CCW and Henry Representatives or Distribution. Visit www.carlisleccw.com or www.henry.com to contact us, or select “Find a Rep or Distributor.”

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Physical Properties

Injection Hose	Typical Value
Color	Yellow
Outside Diameter	1/2 in. (12 mm)
Inside Diameter	5/16 in. (8 mm)
Maximum Install Length	25 ft. (7.6 m)
Weight	4.5 Lbs. per 25 ft. (2 kg per 7.6 m)
Temperature Limit	158°F (70°C)
Tensile Strength	261,000 psi (1,800 N/mm ²)
Filter Pore Diameter	400 U.S. Sieve (35 µm)

Limitations

- MiraSTOP IW must have a minimum of 3 in. of concrete cover.
- MiraSTOP IW must be used with MiraSTOP Chemical Grouts either after a minimum of 28 days concrete cure or if water intrusion occurs.

Warnings and Hazards

Review Safety Data Sheets before handling (available online at carlisleccw.com or www.henry.com).

Storage

Always store MiraSTOP IW Kit in a protected and dry location in original, unopened containers. Do not store in direct sunlight. When stored at temperatures of 50-86°F (10-30°C) in the original, unopened containers, shelf life for injection hose and kit accessories is 12 months.

Disposal

MiraSTOP IW should be discarded as unregulated trash but confirm with local, state, and federal regulations.

Uncured MiraSTOP Chemical Grouts are considered hazardous materials and must be handled and disposed as such, in accordance with local, state, and federal regulations.

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.