



# WATERPROOFING

## MiraSTOP™ SS

### Description

MiraSTOP SS is a **Swellable Sealant** that swells when in contact with water. This high-quality, elastic, solvent-free, one-component polyurethane sealant is used as a waterstop for penetrations and as an adhesive for MiraSTOP waterstop strips.

### Features and Benefits

- Can be used in conjunction with CCW Waterproofing Systems and Henry® Waterproofing Systems
- Easy to install
- Stays elastic after curing
- Excellent adhesion to concrete, metal, and plastic
- Excellent resistance to many chemicals
- Swells up to 400–500% of its original volume

### Installation

Surfaces should be clean and free of dust and grease, but may be damp to the touch.

Using a Sausage Caulk Gun, apply a minimum  $\frac{3}{8}$  in. bead to the prepared substrate. Allow to cure for a minimum of 3 hours prior to concrete placement.

MiraSTOP SS may be installed at temperatures between 35–86°F (2–30°C) but should be protected from rainwater to prevent premature swelling.

### Packaging

MiraSTOP SS is supplied in 20 oz. (600 ml) foil sausages, 12 units per carton, 66 cartons (792 units) per pallet.



### Availability

Available through local CCW and Henry Representatives or Distribution. 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.”

### Limitations

- Do not allow premature hydration of MiraSTOP SS.
- MiraSTOP SS must have a minimum of 3 in. 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

When stored at temperatures between 40–77°F (4–25°C) in the original, unopened packaging, shelf life is 6 months.

### Disposal

The uncured MiraSTOP SS is considered a hazardous material and must be handled and disposed as such, in accordance with local, state, and federal regulations.

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### Physical Properties

Property	Typical Value
Density	67,42 lb/ft <sup>3</sup>
Viscosity	± 245 mPa.s
Base	Polyurethane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin Formation	10–15 minutes
Curing Rate	1.8mm/24h
Hardness	15 Shore A
Shrinkage	Max. 4%
Specific Gravity	1.37 g/mL
Temperature Resistance	-30°C to +90°C
Elasticity Modulus in Film	0.338N/mm <sup>2</sup> (DIN 53504)
Slump	None
Tensile Strength in Film	+/-0.60N/mm <sup>2</sup> (DIN 53504)
Elongation at Break in Film	>1,000% (DIN 53504)
Elasticity Modulus in Joint (ISO 839)	+/-0.12N/mm
Tensile Strength in Joint (ISO 839)	+/-0.2N/mm <sup>2</sup>
Elongation at Break in Joint	>250%

### 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.