

# Wabo®SilAdhesive

One component Silicone based adhesive

Features	Benefits
<ul style="list-style-type: none"> <li>• Durability</li> </ul>	The Silicone Rubber exhibits excellent long term resistance to natural weathering, UV radiation, hot and cold climates, rain and snow conditions
<ul style="list-style-type: none"> <li>• Ease of Installation</li> </ul>	Can be applied quickly and efficiently using a single cartridge application gun
<ul style="list-style-type: none"> <li>• Stable Consistency</li> </ul>	The adhesive is able to be gunned and tooled under hot and cold conditions.
<ul style="list-style-type: none"> <li>• Primerless Adhesion</li> </ul>	No need to prime the surfaces that you are going to be bonding to



## DESCRIPTION:

Wabo®SilAdhesive is a one component, medium modulus neutral cure silicone adhesive used to a bond Silicone based products to concrete and steel substrates. This product is packaged in 29oz cartridges, which allow the product to be applied with a single component cartridge application gun (below).



## RECOMMENDED FOR:

- Bonding joint seals to concrete and steel substrates
- Repair and maintenance of existing expansion joint systems
- For horizontal and vertical applications

## PACKAGING/COVERAGE:

- Wabo®Sil Locking Adhesive is a one component non sag adhesive supplied in a 29 oz. container
- Yield will depend on joint design, tooling, backer rod placement, waste and experience.

JOINT SYSTEM	YIELD/UNIT (29 oz Cartridge)
SPS-225	12.6 LF (3.8m)
SPS-400	7.8 LF (2.4m)

## Physical Properties:

PHYSICAL PROPERTIES (Adhesive)	ASTM TEST METHOD	REQUIREMENTS
Sag/Slump	D 2202	0.1" Max
Color	Visual	Gray
Hardness (Durometer)	D 2240	24
Tack Free Time	C 679	3 - 4 hours
Peel Strength	C 794	56.6 pli
U.V. Resistance	GE 20yr Study	Excellent
Cure through to 1/4" thickness	75 deg F / 50% RH	3-4 days

### INSTALLATION SUMMARY:

- The concrete substrate must be abrasive blasted to remove all latencies and contaminants which may cause bonding problems. Steel substrates must be abrasive blasted to near white metal.
- Apply a bead of the Silicone adhesive on the inside face of the joint opening using a single cartridge caulking gun before installing the Silicone Seal into the opening.
- Slide the Silicone Seal into the opening to the specified depth that is stated on the shop drawings and then reapply another bead of the Silicone Adhesive on top of the installed seal to ensure the seal is properly bonded into the joint opening.
- Clean all excess silicone from the edges of the joint opening and from the top of the seal as soon as it has been installed. DO NOT allow the silicone to cure before removing it.
- Allow the Wabo@SilAdhesive to set approximately 30 minutes (at 75°F) before traffic is allowed onto the joint. Longer cure times are required during cooler temperatures.

### FOR BEST RESULTS:

- Install when concrete substrate is clean, sound, dry, and cured (14 day minimum). Follow International Concrete Repair Institute (ICRI) concrete repair and maintenance guidelines.
- Protect the work area with appropriate plastic sheeting. It is always a good idea to utilize plastic sheeting on the underside of the joint opening to protect from objects, dripping liquids, or other materials from falling through the opening to lower levels.
- Do not allow any of the components to freeze prior to installation. Store all components out of direct sunlight in a clean, dry location between 50°F and 90°F.
- Shelf life is 1 year.
- Periodically inspect the applied material and repair localized areas as needed. Consult a Watson Bowman Acme representative for additional information.
- Make certain the most current version of the product data sheet is being used. Please consult the website ([www.wbacorp.com](http://www.wbacorp.com)) or contact a customer service representative.



- Proper application is the responsibility of the user. Field visits by Watson Bowman Acme personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

#### **OPTIONS/EQUIPMENT:**

- *Recommended application gun available through Watson Bowman Acme*

#### **RELATED DOCUMENTS:**

- Wabo@SilAdhesive MSDS

#### **LIMITED WARRANTY:**

Watson Bowman Acme Corp. warrants that this product conforms to its current applicable specifications. WATSON BOWMAN ACME CORP. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of Watson Bowman Acme Corp. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL WATSON BOWMAN ACME CORP. BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOSS OF PROFITS) OR PUNITIVE DAMAGES. Other warranties may be available when the product is installed by a factory trained installer. Contact your local Watson Bowman Acme representative for details. The data expressed herein is true and accurate to the best of our knowledge at the time published; it is, however, subject to change without notice.

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