

# Wabo®GelAdhesive

Rapid setting, epoxy based, gel adhesive

Features	Benefits
<ul style="list-style-type: none"> <li>• Versatile</li> </ul>	Can be used with a variety of Watson Bowman Acme rubber seal and foam based products
<ul style="list-style-type: none"> <li>• Ease of Installation</li> </ul>	Can be applied quickly and efficiently using a dual cartridge application gun
<ul style="list-style-type: none"> <li>• Excellent Viscosity</li> </ul>	Can be applied vertically
<ul style="list-style-type: none"> <li>• Labor savings</li> </ul>	Eliminates the labor required to mix components and increases the labor efficiency to apply the product.
<ul style="list-style-type: none"> <li>• Static Mixing Tip</li> </ul>	Easy and accurate mixing of components

## DESCRIPTION:

Wabo®GelAdhesive is a rapid curing, epoxy based, gel adhesive used to bond rubber seal and foam based products to concrete and steel substrates. The product is packaged in side by side cartridges, which allow the product to be applied with a dual cartridge application gun. The product is mixed via a static mixing tip to provide an easy and accurate way to mix components.



## 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:

- PT A – 750 ml cartridge
- PT B – 750 ml cartridge
- Coverage: one unit produces 1500 ml (51 oz) of product. Actual coverage will depend on the size of the seal being bonded, waste, and experience.



## PHYSICAL PROPERTIES:

PHYSICAL PROPERTY	TEST METHOD	REQUIREMENTS
Tensile Strength	ASTM D 638	7,100 psi (49 Mpa)
Elongation at Break	ASTM D 638	2%
Shear Strength	ASTM D 732	5,700 psi (39 Mpa)
Bond Strength (14 day)	ASTM C 882	2,600 psi (17.9 Mpa)
Compressive Strength (7 day @ 75F)	ASTM D 579	9,100 psi (62.7 Mpa)
Set Time @75F @90F	ASTM C 881	70 min 40 min
Gel Time (75F)	ASTM C 881	20 min

## 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 the gel adhesive using a dual cartridge caulking gun. Use a trowel to spread the adhesive onto the substrate. Apply adhesive to both the seal and the concrete or steel substrate. Unused quantity can be resealed and used at a later date.
- Clean all excess epoxy from the edges of the joint opening and from the top of the seal as soon as it is pushed into the desired depth. DO NOT allow the epoxy to cure before removing it.
- Allow the Wabo®GelAdhesive to set approximately 20 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: Well Made AG400 Caulking Gun

## RELATED DOCUMENTS:

- Wabo®GelAdhesive 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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