

# Wabo®HSeal

Pre-Compressed Horizontal Expansion Joint System

Features	Benefits
<ul style="list-style-type: none"> <li>• Pre-Compressed</li> </ul>	Expands into place after installed into joint opening. Saves time and labor.
<ul style="list-style-type: none"> <li>• Versatile movement</li> </ul>	Can accommodate horizontal, vertical, and skew expansion joint movements.
<ul style="list-style-type: none"> <li>• No mechanical anchors</li> </ul>	Easy installation



## DESCRIPTION:

Wabo®HSeal is a pre-compressed traffic-grade silicone coated expansion joint system designed to provide a permanent weather tight seal. Primarily used in horizontal applications, the system is sealed in place with an epoxy, which allows it to accommodate horizontal, vertical, and skew expansion joint movements.

Wabo®HSeal consists of a UV stable, micro-cell, polyurethane foam impregnated with a hydrophobic polymer and topped with a traffic-grade silicone coating. The system is supplied in pre-compressed sticks ready to be easily installed.

## RECOMMENDED FOR:

- Sealing joints on bridges, parking decks, stadiums, buildings, and wastewater treatment facilities
- Repair and maintenance of existing joints
- Horizontal and vertical applications
- Expansion joints with varying joint widths.

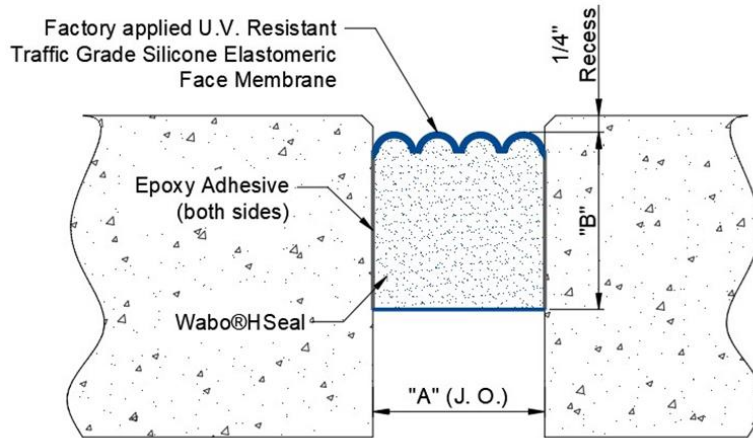
## PACKAGING/COVERAGE:

- Shipped in nominal standard lengths of 6.56 ft. (2 meters) pre-compressed sticks.
- Two component epoxy supplied.
- Silicone sealant supplied.

**TECHNICAL DESIGN:**

**Design Information:**

With the use of the supplied two component epoxy adhesive, it will ensure adequate long-term adhesion to the surrounding surface. While also providing a permanent, weather tight seal, eliminating costly water damage as well as allow for a greater degree of joint movement.



**Movement Table**

Model	Joint Opening						Rec. Min Install		Seal Depth	
	Min. "A"		Max. "A"		Total		J.O.		"B"	
	iches	mm	iches	mm	iches	mm	iches	mm	iches	mm
25EH	0.50	13	1.50	38	1.00	25	0.75	19	2.00	51
40EH	0.75	19	2.25	57	1.50	38	1.25	32	2.50	64
50EH	1.00	25	3.00	77	2.00	51	1.75	44	2.50	64
65EH	1.25	32	3.75	96	2.50	64	2.25	57	2.75	70
75EH	1.50	38	4.50	115	3.00	76	2.75	70	3.25	83
90EH	1.75	44	5.25	134	3.50	89	3.25	83	3.50	89
100EH	2.00	51	6.00	153	4.00	102	3.50	95	4.00	102



## Physical Properties of Foam

Typical Physical Properties of HSeal Foam		
PROPERTY	VALUE	TEST METHOD
Tensile strength	21 psi min; 145 kPa	ASTM D3574 E
Elongation - Ultimate	150% min	ASTM D3574 E
Temperature service range High Low	180 °F (85 °C) -40 °F (-40 °C)	ASTM C711
UV Resistance	No Changes — 2000 hours	ASTM G155-00A
(Accelerated Weatherometer) resistance to aging	No Changes — 2000 hours	ASTM G155-00A

### INSTALLATION SUMMARY:

- Store indoors at room temperature. Expansion of WaboHSeal is quicker when warm and slower when cold. When installing WaboHSeal in extreme heat, store in a cool place to give the installer sufficient time for placement.
- Cut the shrink wrap and remove the masonite strapping from the WaboHSeal.
- Apply a thin layer of epoxy on inside face of joint opening where the material will be in contact with the concrete slab.
- Place WaboHSeal in the joint and recess at least 1/4" from the top of the finished surface.
- At splice locations apply a thin bead of sealant that will blend into the elastomeric at the exterior face.
- Apply sealant band.
- If WaboHSeal is subject to high heel foot traffic it should be covered with a plate.
- Installation Instructions are available from Watson Bowman Acme and are included with the material.

### RELATED DOCUMENTS:

- Safety Data Sheet
- WaboHSeal Specification
- WaboHSeal Sales Drawings
- WaboHSeal Installation Procedure



#### FOR BEST RESULTS:

- Surfaces to be sealed must be sound, dry, clean and free of oil, grease, laitance, rust and other foreign material that would prevent proper adhesion.
- Excessive moisture will defeat the self-adhesive application advantage of the tape but will not lessen the effectiveness of the expanded material as a seal.
- Remove dirt and other loose particles.
- Do not install if the joint's anticipated movement will exceed the seal's movement range.
- 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.watsonbowmanacme.com](http://www.watsonbowmanacme.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.

#### 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.

#### WaboHSeal\_0823

Watson Bowman Acme  
95 Pineview Drive  
Amherst, NY 14228  
phone: 716-691-7566  
fax: 716-691-9239  
[watsonbowmanacme.com](http://watsonbowmanacme.com)