

Wabo[®]SeismicWeatherSeal

Colorized, Pre-Compressed Expansion Joint System

Features	Benefits
<ul style="list-style-type: none"> • Pre-Compressed 	Expands into place after installed into joint opening. Saves time and labor.
<ul style="list-style-type: none"> • Ease of Installation 	No mechanical anchors needed to keep system in place.
<ul style="list-style-type: none"> • Versatile movement 	Can accommodate movement up to +/-50% in vertical and shear conditions.
<ul style="list-style-type: none"> • Colorable 	Exposed surface is a colorable elastomeric surface that matches most silicone colors.

DESCRIPTION:

Wabo[®]SeismicWeatherSeal is a pre-compressed elastomeric coated expansion joint that works under its own constant internal pressure to provide a permanent weather tight seal eliminating costly water damage to occur. Wabo[®]SeismicWeatherSeal can be used on applications where simple thermal movements occur or on applications where seismic movement is anticipated.



RECOMMENDED FOR:

- All interior and exterior wall expansion joint applications
- For use in various construction projects including:
 - Health-Care
 - Transportation
 - Recreation
 - Retail
 - Commercial
 - Educational
 - Parking Garage
- Replacement of failed caulk joints.

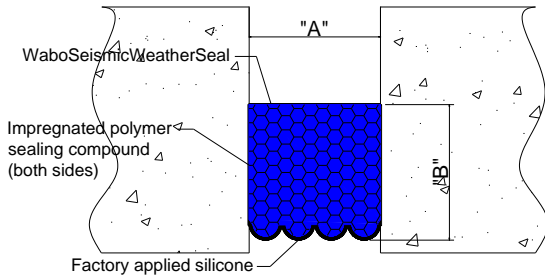
PACKAGING/COVERAGE:

- Shipped in nominal standard lengths of 6.56 ft. (2 meters) pre-compressed sticks.
- Includes color matched silicone sealant.

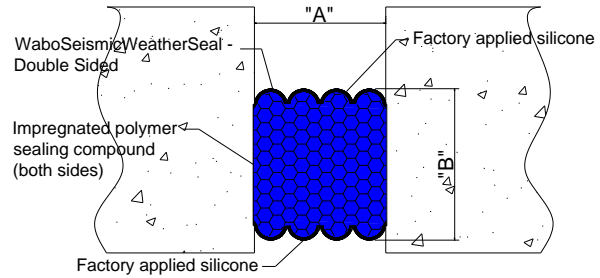
TECHNICAL DATA:

Design Information:

Wabo®SeismicWeatherSeal is a pre-compressed elastomeric coated expansion joint that works under its own constant internal pressure to provide a permanent weather tight seal eliminating costly water damage as well as allow for a greater degree of joint movement.



Model SWS



Model SWS-DS

Note: see product sales drawings for additional details

Movement Table

Model Number	Joint Opening "A"						Rec. Min Install J.O.		System Depth "B"	
	Min.		Max.		Total		inches	mm	inches	mm
	inches	mm	inches	mm	inches	mm				
SWS-100	0.50	13	1.5	38	1	25	0.75	19	1.75	45
SWS-150	0.75	19	2.25	57	1.5	38	1.25	32	2.25	55
SWS-200	1.00	25	3	76	2	51	1.75	44	2.50	65
SWS-250	1.25	32	3.75	95	2.5	64	2.25	57	2.75	70
SWS-300	1.50	38	4.5	114	3	76	2.75	70	3.25	85
SWS-350	1.75	44	5.25	133	3.5	89	3.25	83	3.75	95
SWS-400	2.00	51	6	152	4	102	3.75	95	4.50	115
SWS-500	2.50	64	7.5	191	5	127	4.75	121	5.50	140
SWS-600	3.00	76	9	229	6	152	5.75	146	6.00	150

Note: Other sizes are available, contact WBA for details. Add DS to model number for double sided seal option.



Physical Properties of Foam

PROPERTY / TEST	VALUE	TEST METHOD
Durometer Hardness (as cured)	Silicone coating — not to exceed 25 pts (± 5), Shore AI	ASTM C661
Weatherometer	Xenon Arc Weatherometer	ASTM C510 ASTM G26-77
Primary Surface Weathering	Atlas Weatherometer 6000 hrs – minimal hardness change	ASTM G26-77
Temperature service range High Permanent Low Permanent	185°F (85°C) -40°F (-40°C)	ASTM C711
Air Permeability ABAA air leakage limit for materials — not to exceed .02 L (s•m ²) @ 75 DP(Pa)	ABAA Compliant 0.0078 L / (s•m ²) @ 75 DP(Pa) 0.0118 L / (s•m ²) @ 250 DP(Pa)	ASTM E283-04
Water Penetration	No water penetration after consecutive 15 minute soak durations under pressure of: 500 ΔP (Pa), 65 mph equivalent wind driven rain 1000 ΔP (Pa), 92 mph equivalent wind driven rain 5000 ΔP (Pa), 205 mph equivalent wind driven rain	ASTM E331-00
Wind Loading Hurricane Standard Miami-Dade County, FL = 150 mph	-0.1mm Net Deflection of Span @ +2730 ΔP (Pa), 150 mph equivalent +0.1mm Net Deflection of Span @ +2730 ΔP (Pa), 150 mph equivalent -0.6mm Net Deflection of Span @ +4854 ΔP (Pa), 200 mph equivalent +0.5mm Net Deflection of Span @ +4854 ΔP (Pa), 200 mph equivalent	ASTM E330



APPLICATION:

INSTALLATION SUMMARY:

- Store indoors at room temperature. Expansion of Wabo®SeismicWeatherSeal is quicker when warm and slower when cold.
- Ensure material nominal size matches joint size.
- Remove shrink wrap and masonite strapping from the sealant.
- Remove release paper from both sides of the expansion joint prior to installation.
- At splice locations apply a thin bead of sealant that will blend into the elastomeric at the exterior face.
- Install joint and apply corner beads.
- Not for in-floor applications exposed to direct pedestrian foot traffic.
- Complete installation information is supplied with material and is also available from Watson Bowman Acme.
- 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) 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.

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.

RELATED DOCUMENTS:

- Safety Data Sheets
- Wabo®SeismicWeatherSeal Specification
- Wabo®SeismicWeatherSeal Sales Drawings
- Wabo®SeismicWeatherSeal Installation Procedure



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.

WaboSeismicWeatherSeal_0723

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