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Wabo®SeismicWeatherSeal

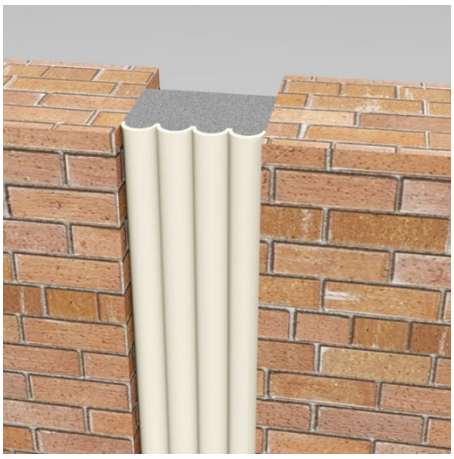
Colorized, Pre-Compressed Expansion Joint System

Features	Benefits
• Pre-Compressed	Expands into place after installed into joint opening. Saves time and labor.
• Ease of Installation	No mechanical anchors needed to keep system in place.
• Versatile movement	Can accommodate movement up to +/-50% in vertical and shear conditions.
• 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.

This product is also available uncoated.



RECOMMENDED FOR:

- All interior and exterior wall, ceiling and soffit 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 5 ft. (1.524 meters) pre-compressed sticks.
- 1 Tube of color matched silicone sealant per 40 lineal feet of joint.

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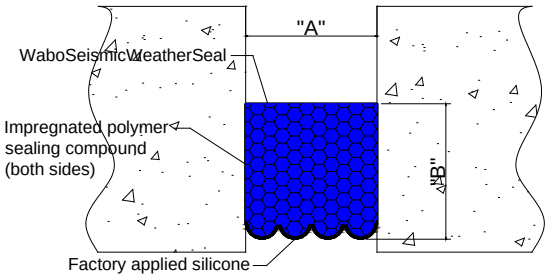
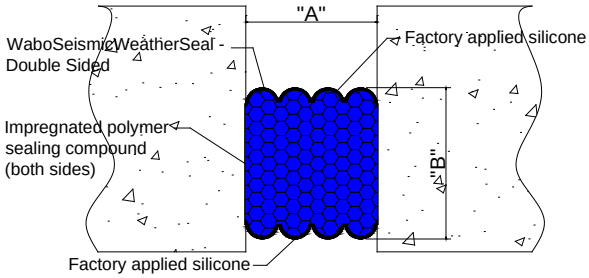
TECHNICAL DATA:

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	in	mm	in	mm
SWS-100	0.50	13	1.50	38	1.00	25	0.75	19	1.50	38
SWS-150	0.75	19	2.25	57	1.50	38	1.25	32	2.00	51
SWS-200	1.00	25	3.00	76	2.00	51	1.75	44	2.00	51
SWS-250	1.25	32	3.75	95	2.50	64	2.25	57	2.00	51
SWS-300	1.50	38	4.50	114	3.00	76	2.75	70	3.00	76
SWS-350	1.75	44	5.25	133	3.50	89	3.25	83	3.00	76
SWS-400	2.00	51	6.00	152	4.00	102	3.75	95	3.00	76
SWS-500	2.50	64	7.50	191	5.00	127	4.75	121	3.00	76
SWS-600	3.00	76	9.00	229	6.00	152	5.75	146	4.00	102

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

Physical Properties (Foam Seal)

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Tensile Strength	D 3574	21 psi, min
Elongation	D 3574	125% +/- 20%
Thermal Conductivity	C 518	0.05 W/m°C
Temperature Stability	C 711-03	-40°F (-40°C)
Resistance to Compression Set	D 3574	2.5%, max
Density (uncompressed)	D 3575	> 10lbs/ft^3

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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.
- Apply a thin bead of caulk on inside face of joint opening where the material will be in contact will the wall structure.
- 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.

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.
- Not for in-floor applications exposed to direct pedestrian foot traffic.
- When utilized in horizontal applications manufacturer recommends use of cover plate profile above seal.
- 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.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.

RELATED DOCUMENTS:

- Material 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.

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