

# Wabo® SeismicWeatherSeal

Colorized, Pre-Compressed 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>• Ease of Installation</li> </ul>	No mechanical anchors needed to keep system in place.
<ul style="list-style-type: none"> <li>• Versatile movement</li> </ul>	Can accommodate movement up to +/-50% in vertical and shear conditions.
<ul style="list-style-type: none"> <li>• Colorable</li> </ul>	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, 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:

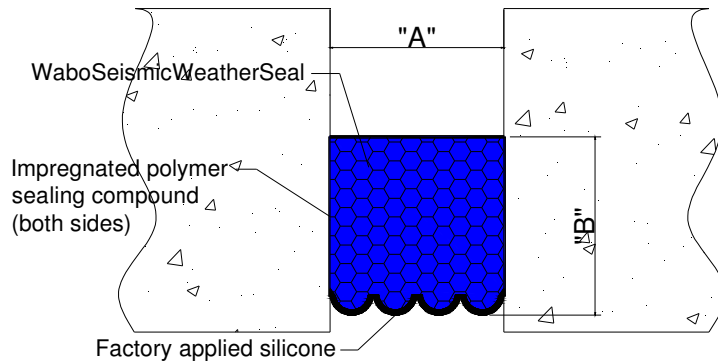
- Shipped in nominal standard lengths of 5 ft. (1.524 meters) pre-compressed sticks.
- 1 Tube of color matched silicone sealant per 40 lineal feet of joint.



**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.



**Note: see product sales drawings for additional details**

**Model SWS**

**Movement Table**

Model Number	Joint Opening "A"						System Depth "B"	
	Min.		Max.		Total		in	mm
	inches	mm	inches	mm	inches	mm		
SWS-100	0.50	13	1.50	38	1.00	25	1.5	38
SWS-150	0.75	19	2.25	57	1.50	38	2.0	51
SWS-200	1.00	25	3.00	76	2.00	51	2.0	51
SWS-250	1.25	32	3.75	95	2.50	64	2.5	64
SWS-300	1.50	38	4.50	114	3.00	76	3.0	76
SWS-350	1.75	44	5.25	133	3.50	89	4.0	102
SWS-400	2.00	51	6.00	152	4.00	102	4.0	102
SWS-500	2.50	64	7.50	191	5.00	127	4.0	102
SWS-600	3.00	76	9.00	229	6.00	152	4.0	102

Note: Other sizes are available, contact WBA for details.

**Physical Properties (Foam Seal)**

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Tensile Strength	D 3575	21 psi, min
Elongation	D 3575	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 <sup>3</sup>



## **APPLICATION:**

### **Installation Summary:**

- Store indoors at room temperature. Expansion of Wabo<sup>®</sup>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 with 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.

### **Related Documents:**

- Material Safety Data Sheets
- Wabo<sup>®</sup>SeismicWeatherSeal Specification
- Wabo<sup>®</sup>SeismicWeatherSeal Sales Drawings
- Wabo<sup>®</sup>SeismicWeatherSeal 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.
- 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](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.



**LIMITED WARRANTY:**

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**Contact**

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