

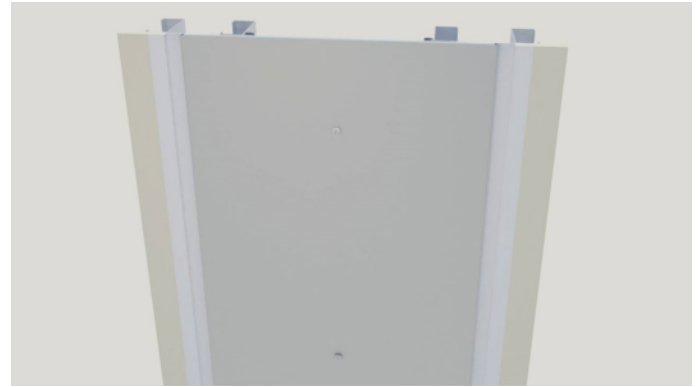
Wabo® SeismicWallPanel (SWP)

Seismic Wall Expansion Control System

Features	Benefits
• Minimal Components	Easily installed with minimal light-weight components.
• Versatile	Accommodates multiple joint openings.
• Seismic Capabilities	Protects building occupants and structure during earthquake activity with multi-directional movement capability.
• Nearly Invisible	Flush installation with adjacent surfaces.

DESCRIPTION:

Wabo® SeismicWallPanel is a unique expansion control system for interior and exterior walls designed to accommodate multi-directional movement. The system is easily installed and available for openings ranging from 4 inches to 24 inches and has been engineered to minimize damage and protect adjacent surfaces during seismic activity. Wabo® SeismicWallPanel primarily consists of a lightweight panel that is installed flush with adjacent surfaces resulting in a nearly invisible system. The panel has been designed to displace out and away from the primary system during seismic activity.



RECOMMENDED FOR:

- Interior or exterior wall expansion joint applications.
- For use in various construction projects including:
 - Healthcare
 - Transportation
 - Recreation
 - Retail
 - Commercial
 - Educational
- New construction or repair and maintenance of existing wall expansion joints.
- Openings up to 24 in (610 mm).

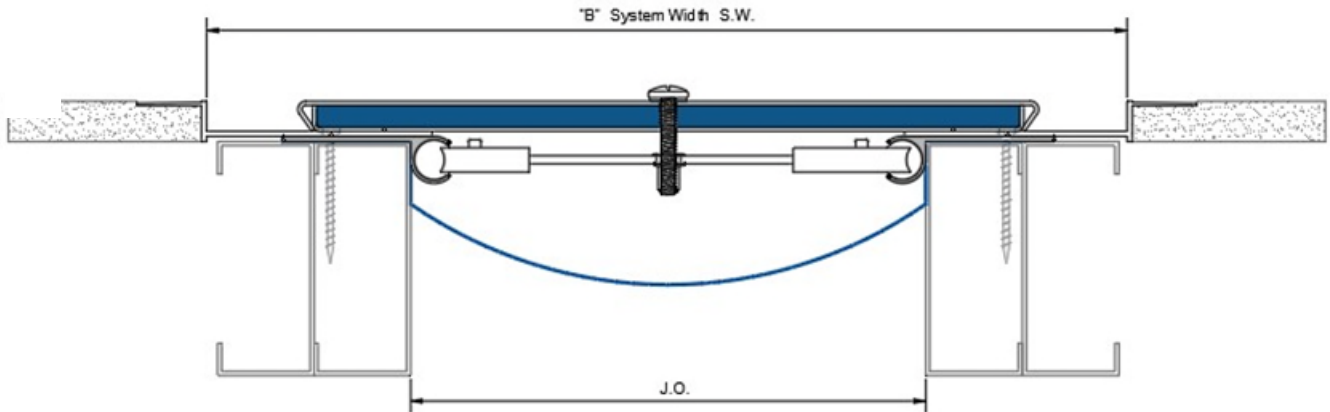
PACKAGING/COVERAGE:

- Aluminum Profiles: bundled and palletized in standard 10-foot lengths.
- Accessories: All other materials packaged in manufacturer's standard labeled carton.

TECHNICAL DATA:

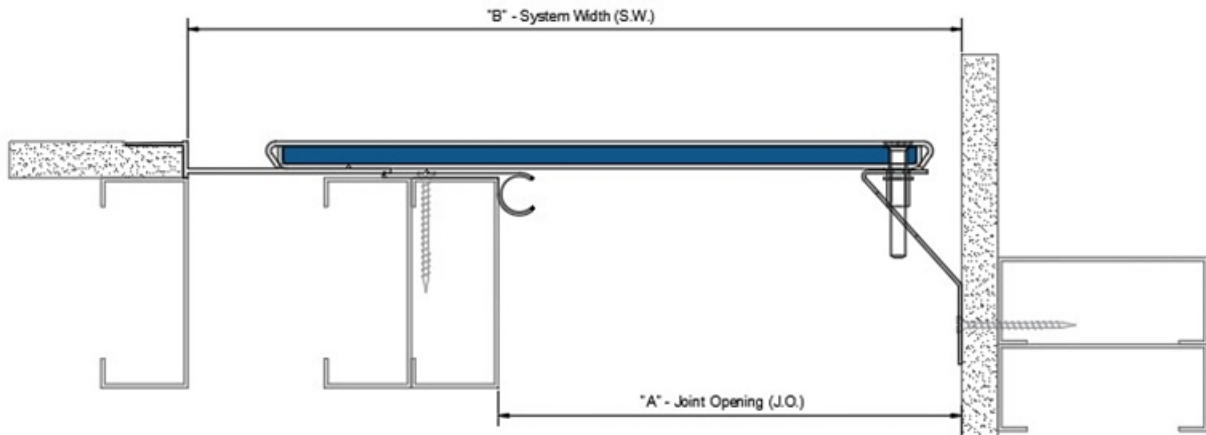
Design Information

The Wabo®SeismicWallPanel system is available in 2 different configurations: Wall to Wall and Wall to Corner. The SWP system can be used as an interior wall system or as an exterior wall system in conjunction with Wabo®GutterFlex Moisture Barrier making it a watertight system.



() - Denotes Millimeters

DIMENSION CHART					
Model	"A" @ Min.	"A" @ Mid	"A" @ Max.	"B"	Total Movement
SWP-400	1 3/4"(44)	4"(102)	8"(203)	14 1/2"(368)	6 1/4"(159)
SWP-600	1 3/4"(44)	6"(152)	12"(305)	16 1/2"(419)	10 1/4"(260)
SWP-800	1 3/4"(44)	8" (203)	16"(406)	18 1/2"(470)	14 1/4"(362)
SWP-1000	1 3/4"(44)	10"(254)	20"(508)	20 1/2"(521)	18 1/4"(464)
SWP-1200	1 3/4"(44)	12"(305)	24"(610)	22 1/2"(572)	22 1/4"(565)
SWP-1500	1 3/4"(44)	15"(381)	30"(762)	25 1/2"(648)	28 1/4"(718)
SWP-1800	1 3/4"(44)	18"(457)	36"(914)	28 1/2"(724)	34 1/4"(870)
SWP-2400	1 3/4"(44)	24"(610)	48"(1219)	37 1/2"(876)	46 1/4"(1175)



Wabo®SeismicWallPanel (SWP-400C to SWP-2400C)
Wall to Corner Condition

() - Denotes Millimeters

Dimension Chart					
Model	"A" @ Min	"A" @ Install	"A" @ Max	"B"	Total Movement
SWP-400C	2 5/16" (59)	4" (102)	6" (152)	9 1/4" (235)	3 11/16" (94)
SWP-600C	2 5/16" (59)	6" (152)	9" (229)	11 1/4" (286)	6 11/16" (170)
SWP-800C	2 5/16" (59)	8" (203)	12" (305)	13 1/4" (337)	9 11/16" (246)
SWP-1000C	2 5/16" (59)	10" (254)	15" (381)	15 1/4" (387)	12 11/16" (322)
SWP-1200C	2 5/16" (59)	12" (305)	18" (457)	17 1/4" (438)	15 11/16" (398)
SWP-1500C	2 5/16" (59)	15" (381)	22 1/2" (572)	20 1/4" (514)	20 3/16" (513)
SWP-1800C	2 5/16" (59)	18" (457)	27" (686)	23 1/4" (591)	24 11/16" (627)
SWP-2400C	2 5/16" (59)	24" (610)	36" (914)	29 1/4" (743)	33 11/16" (856)

Physical Properties

Aluminum Panel: 5052-H32

Standard: Anodized finish (receives field applied finish)

Aluminum Base Extrusion: ASTM B221, Alloy 6063-T5 or 6063-T6

Seismic Centering Bar: Integral corrosion resistant nylon components with spheroid ends and tempered spring steel body

Edge Member: Rigid Polyvinyl Chloride (PVC) CAS 9002-86-2. Standard Color: white.



APPLICATION:

INSTALLATION SUMMARY:

- Protect all expansion joint components from damage during installation and protect finished installation from damage from other trades during all work activities.
- Expansion joint systems shall be installed in accordance with manufacturer's typical details and installation procedures.
- Wall construction and materials shall be designed to allow for proper installation of system and its components. Construct any wall recess in accordance with manufacturer's recommendations.
- Construct joint openings consistent in width and straight along joint height. Utilize double metals studs on both sides of the joint opening. Inspect and verify all substrates to be solid and sound prior to work.
- Construct all adjacent walls to be vertically flat along height and flush across both sides of the opening. Inspect and verify all substrates to be solid and sound prior to work.
- Install required gypsum wallboard inside joint opening at fire rated locations. Install appropriate fire barrier system, if required by building code and rated construction. Contact WBA for recommendations on appropriate fire barrier system.
- Metal components shall be cut to length on job site where required. Components shall be miter cut in the field to conform to directional changes unless otherwise contracted with expansion joint manufacturer.
- All anchor holes shall be field drilled in accordance with manufacturer's drawings.

LIMITED WARRANTY:

Watson Bowman Acme warrants that this product conforms to its current applicable specifications. WATSON BOWMAN ACME 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. 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 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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FOR BEST RESULTS:

- Do not install if the joint's anticipated movement will exceed the system's movement range.
- Periodically inspect the applied material and repair localized areas as needed. Consult a Watson Bowman Acme representative for additional information.
- Wabo®SeismicWallPanel can used externally but is not watertight on its own. To make this system watertight we suggest adding Wabo®GutterFlex to the system.
- 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.
- Since methods of application and on-site conditions are beyond our control and can affect performance, appearance or color, Watson Bowman Acme makes no other warranty, expressed or implied.

RELATED DOCUMENTS:

- Material Safety Data Sheets
- Wabo®SeismicWallPanel Specification
- Wabo®SeismicWallPanel Sales Drawings
- Wabo®SeismicWallPanel Installation Procedure