

Wabo® Compression Seal

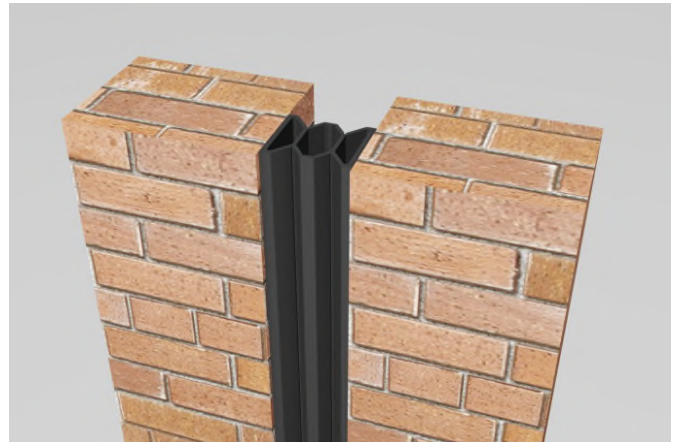
Architectural Series

Colorable Expansion Joint System

Features	Benefits
• Flexibility	No mechanical anchors or metal components.
• Versatility	Cost effective and easy to use.
• Pedestrian friendly	Seals are recommended for pedestrian areas with ADA requirements.
• Colorable	Seals are available in black.
• Durable and time tested	Over 30-year history of success.

DESCRIPTION:

Wabo® CompressionSeals have been perfected over their 30-year history of successful installations in parking structures, roadways, bridges/walkways, athletic facilities and general horizontal and vertical construction. These field-proven TPV® profiles are an ideal compression seal for high pedestrian traffic areas where color matching to adjacent areas is desirable. WE series seals are available in standard black. These seals are available in continuous lengths, which are cost effective and easy to install.



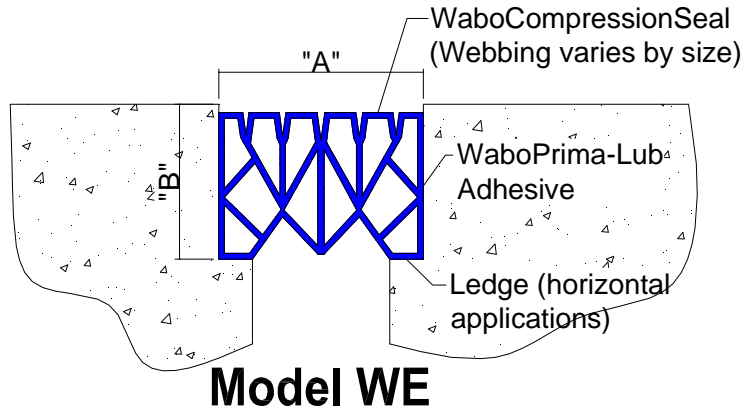
RECOMMENDED FOR:

- Interior and exterior wall expansion joint applications.
- Horizontal applications subject to pedestrian traffic.
- For use in various construction projects including:
 - Health-Care
 - Transportation
 - Recreation
 - Retail
 - Commercial
 - Educational
 - Parking Garage

PACKAGING/COVERAGE:

- Wabo® CompressionSeals are packaged on wood pallets.
- Wabo®PrimaLub lubricant/adhesive is available in 1-gallon cans.
- Depending on seal size, the longest available stock lengths or ordered lengths are provided.
- Wabo®PrimaLub coverage will depend on joint size, placement waste and experience.

TECHNICAL DATA:



Note: see product sales drawings for additional details

Movement Table

Model Number	Joint Opening "A"						Installation Width @ 68°F		Groove Depth "B"	
	Min.		Max.		Total		in	mm	in	mm
	inches	mm	inches	mm	inches	mm				
WE-100*	0.500	13	1.500	38	1.000	25	1.000	25	N/A	N/A
WE-225	0.688	17	1.938	49	1.250	32	1.375	35	1.875	48
WE-250	1.063	27	2.125	54	1.062	27	1.625	41	2.375	60
WE-300	1.250	32	2.563	65	1.313	33	2.000	51	2.531	64
WE-400	1.250	32	3.375	86	2.125	54	2.375	60	3.188	81
WE-500	1.438	37	4.250	108	2.812	71	2.875	73	3.625	92
WE-600	1.813	46	5.125	130	3.312	84	3.500	89	4.625	117

*Note: WE-100 not recommended for horizontal applications

PHYSICAL PROPERTIES:

PHYSICAL PROPERTY	ASTM METHOD	REQUIREMENTS
Tensile Strength, min	D-412	841 psi
Elongation at Break, min	D-412	280%
Hardness, Shore A	D-2240	63A
100% Modulus, min	D-412	570%
Tear Strength, avg	D-624	29 kN/m
Compression Set, max	D-395	17% 40%
22 hrs @ 73°F 70 hrs @ 257°F		
Ozone Resistance	D-1171	No cracks
UV Resistance	SAE J1960	Pass
Staining Resistance	D-925	No staining
Brittle Point	D-746	-81°F

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APPLICATION:

Installation Summary:

- Seals shall be cut to length on job site where required. Butt splice or miter cut in the field to conform to directional changes utilizing 241F Adhesive and PP Primer, unless otherwise contracted with expansion joint manufacturer.
- Seals must remain in compression throughout entire movement cycle.
- Joint opening must incorporate ¼" seat on each side of expansion joint opening whenever seal is exposed to vertical loading.
- Lubricant Adhesive is shipped in manufacturer's labeled metal gallon containers.
- Do not allow any of the components to freeze prior to installation. Store all components out of direct sunlight in a clean, dry location between 50°F (10°C) and 90°F (32°C).
- Shelf life of chemical components is approximately 18 months.
- 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:

- Install when concrete substrate is clean, sound, dry, and cured (14 day minimum).
- Do not install if the joint's anticipated movement will exceed the seal's movement range.
- Protect the work area with appropriate plastic sheeting.
- Minimize splice points by installing seals in longest possible continuous lengths.

RELATED DOCUMENTS:

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

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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