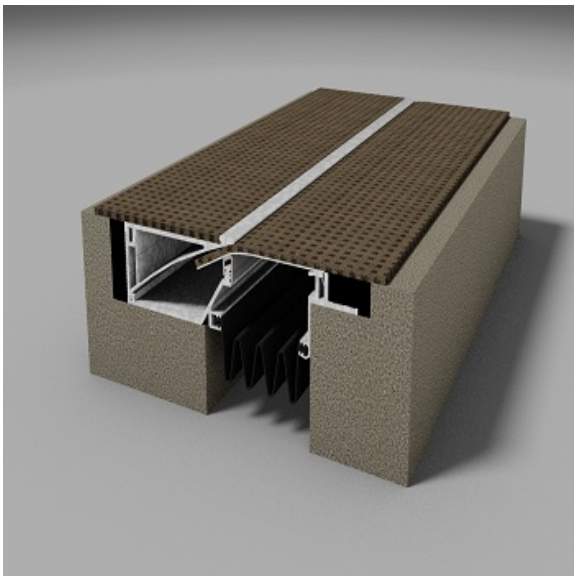
Wabo®Allure

Interior Floor Seismic Expansion Control System

Features	Benefits
• Narrow trim strip	Nearly invisible, attractive system
• Versatile	Accommodates a variety of flexible finish flooring materials
• Exceeds industry standards	System adjustable for variable thickness
• ADA compliant	Pedestrian friendly
• Easy assembly	Quick installation time



DESCRIPTION:

Wabo®Allure is the original expansion joint system that is nearly invisible to the surrounding floor area except for a narrow aluminum trim strip. While often imitated, the patented features of the Wabo®Allure provide the highest quality, service life and performance ability in the marketplace today.

The structural leaf-spring system supports heavy loads and accommodates multi-directional seismic movements including vertical deflection. Wabo®Allure accepts flexible floor coverings like carpet & sheet vinyl and can be adjusted on-site to receive a range of thicknesses. The “no rattles” quiet performance of the Wabo®Allure offers designers attractive and pedestrian friendly design possibilities for joints requiring up to six inches of movement.

RECOMMENDED FOR:

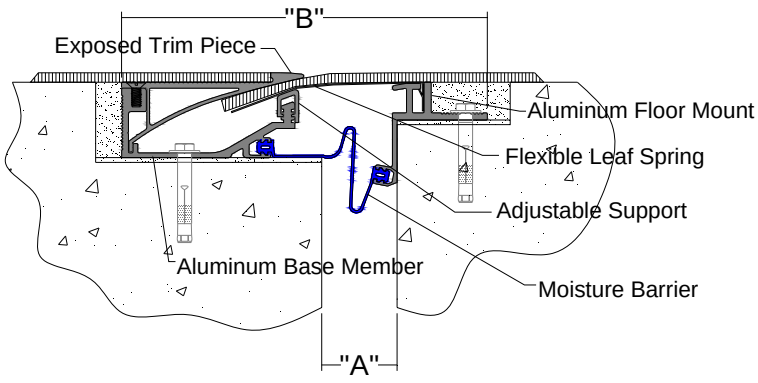
- All Interior floor expansion joint applications.
- For use in various construction projects including:
    - Health-Care
    - Transportation
    - Recreation
    - Retail
    - Commercial
    - Educational
    - Parking Garage (interior areas)

PACKAGING/COVERAGE:

- Aluminum profiles shipped in 10 ft. lengths
- Leaf spring shipped in 10 ft. lengths
- Elastomeric seal shipped in continuous lengths
- All material and components palletized and/or packaged in manufacturer’s standard labeled carton.

BASF
The Chemical Company

TECHNICAL DATA:



Model AFJ

Note: see product sales drawings for additional details

Movement Table

MODEL NUMBER	JOINT OPENING "A"		SYSTEM WIDTH "B"		TOTAL MOVEMENT	
	inches	mm	inches	mm	inches	mm
AFJ-100	1.0	25	9.69	246	1.0	25
AFJ-200	2.0	51	9.69	246	2.0	51
AFJ-400	4.0	102	9.69	246	4.0	102
AFJ-600	6.0	152	13.63	346	6.0	152
AFJ-100C	1.0	25	7.31	186	1.0	25
AFJ-200C	2.0	51	7.31	186	2.0	51
AFJ-400C	4.0	102	7.31	186	4.0	102
AFJ-600C	6.0	152	11.25	286	6.0	152

PHYSICAL PROPERTIES:

Leaf Spring: Material shall conform to A.I.S.I. 301 Stainless Steel.

Exposed Trim Strip Extrusion, Floor Base Extrusion, Adjustible Leaf Spring Support, Leaf Mount Extrusion: Materials shall conform to properties of ASTM B221, Aluminum alloy 6063-T6.

Moisture Barrier (optional): Extruded profile shall be flame retardant, PVC material in accordance with ASTM D412. Durometer 60+/-5.

U.S. Patent No 5.067.297 and 5.060.439

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.
- Floor construction and materials shall be designed to allow for proper installation of system and its components. Construct all blockouts in accordance with manufacturer's recommendations.
- Construct joint openings consistent in width and straight along joint length. Inspect and verify all substrates to be solid and sound prior to work. Remove any loose materials and repair any voids, and/or spalls with appropriate repair material.
- Construct all adjacent floors to be horizontally flat along length and flush across both sides of the opening. Inspect and verify all substrates to be solid and sound prior to work.
- 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 manufacture's drawings.

For Best Results:

- Do not install if the joint's anticipated movement will exceed the system's movement range.
- Deliver product in each manufacturer's original, intact, labeled containers. Protect the work area with appropriate plastic sheeting.
- 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). Store off the ground and protect from weather and construction activities.
- Do not use for external locations, which require watertight expansion joint system. Contact WBA for recommendations.
- Periodically inspect the installed material and repair localized areas as needed. Inspect for loose components and/or hardware, repair as necessary. 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®Allure Specification
- Wabo®Allure CAD Drawings
- Wabo®Allure 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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