



BUILDING TRUST



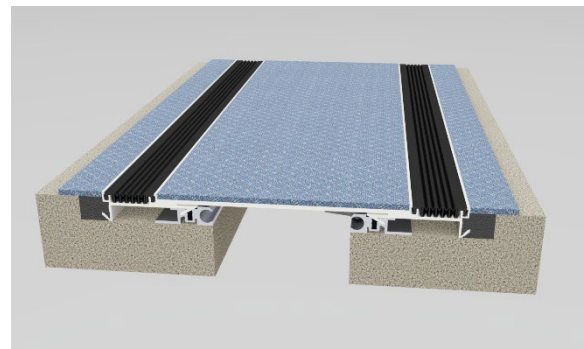
Wabo®SeisMaxPlus Floor (NBS)

Interior Floor Seismic Expansion Control System

Features	Benefits
• Durable and time tested	Limited maintenance.
• Pedestrian friendly	Complies with ADA requirements.
• Versatile	System adjustable to site conditions and various floor finished.
• Easy assembly	Reduced installation time and construction costs.

DESCRIPTION:

Wabo@SeisMaxPlus NBS blends its seismic functional features in to an aesthetically pleasing “No-Bump” system that has no exposed metal. The system stays flush during thermal movement and operational during seismic movement. But unlike other joints that deform when seismic motion exceeds their capabilities, Wabo@SeisMaxPlus will rotationally displace the slide plate assemblage during severe seismic movement. This provides the best possible protection for the surrounding structural surfaces. The slide plate assemblage will typically re-seat itself and the elastomeric seal can be easily re-installed.



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)

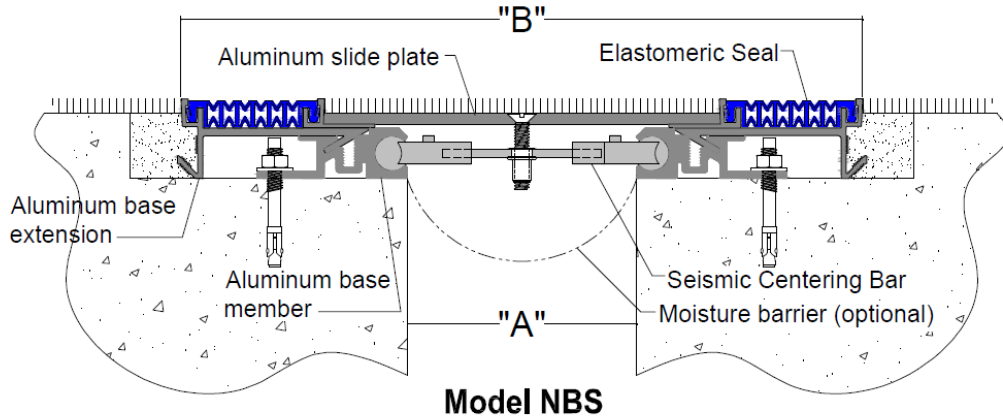
PACKAGING/COVERAGE:

- Aluminum profiles shipped in 10 ft. lengths
- Elastomeric seals are shipped in continuous lengths
- All material and components palletized and/or packaged in manufacturer's standard labeled carton.

TECHNICAL DATA:

Design Information

Wabo®SeisMaxPlus accepts rigid and flexible flooring up to 1/4" inch thick as well as metal inlays. The only visible portions of the joint are colorable elastomeric seals on each side of the concealed slide plate. The system complies with ADA guidelines with seals that allow for thermal movement without buckling or bulging. The seals come in black, beige, gray and Wabo®ColorChoice colors.



Model NBS

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
NBS-200	2.0	51	9.88	251	3.0	76
NBS-400	4.0	102	11.88	302	5.0	127
NBS-600	6.0	152	15.88	403	10.0	254
NBS-800	8.0	203	17.88	454	12.0	305
NBS-1000	10.0	254	21.88	556	14.0	356
NBS-1200	12.0	305	23.88	606	17.0	432
NBS-1800	18.0	457	33.88	860	26.0	660
NBS-2400	24.0	610	42.88	1089	35.0	889
NBS-200C	2.0	51	5.94	151	2.0	51
NBS-400C	4.0	102	7.94	202	4.0	102
NBS-600C	6.0	152	10.94	278	7.0	178
NBS-800C	8.0	203	12.94	329	9.0	229
NBS-1000C	10.0	254	15.94	405	11.0	279
NBS-1200C	12.0	305	17.94	456	14.0	356
NBS-1800C	18.0	457	25.69	652	21.0	533
NBS-2400C	24.0	610	33.19	843	29.0	737

PHYSICAL PROPERTIES:

Aluminum Base Members and Slide Plate: Materials shall conform to properties of ASTM B221, Aluminum alloy 6063-T6.

Elastomeric Seal: Polyvinylchloride (PVC) with a shore A hardness of 70 (+/-5), available in black, beige, and gray.

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



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 Emseal for recommendations on appropriate fire barrier system.
- Make certain the most current version of the product data sheet is being used. Please consult the website (www.emseal.com) or contact a customer service representative.
- Proper application is the responsibility of the user. Field visits by Sika Emseal personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

- 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 Emseal 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 Sika Emseal representative for additional information.

RELATED DOCUMENTS:

- Material Safety Data Sheets
- Wabo@SeisMaxPlus Specification
- Wabo@SeisMaxPlus Sales Drawings
- Wabo@SeisMaxPlus Installation Procedure



LIMITED WARRANTY:

Emseal Joint Systems, Ltd. warrants that this product conforms to its current applicable specifications. SIKA EMSEAL 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 Emseal. 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 SIKA EMSEAL 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 Sika Emseal 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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