

Wabo®UreFlex

Polyurethane Premold Expansion System

Features	Benefits
<ul style="list-style-type: none"> • Standard components 	Standard pre-molded seals and off-the-shelf components, quick and easy to install yields a cost effective installation.
<ul style="list-style-type: none"> • Flush surface 	Designed to meet Americans with Disabilities Act (ADA) guidelines.
<ul style="list-style-type: none"> • Adaptable 	Can accommodate changes in direction or plane.
<ul style="list-style-type: none"> • Corrugated surface 	Provides slip resistant walking surface.



DESCRIPTION:

Wabo®UreFlex system, available in a series of factory molded polyurethane expansion joint seals sizes and lengths, is cast and cured under strict climactic controlled conditions. Factory molding provides for close tolerances and uniform consistency, while eliminating potential problems associated with job site fluid-applied seals. The expansion joint seals are available in six standard dimensions ranging from 3" to 12" in width. Seal edges of the expansion joint seal are molded with a chamfer and then mechanically abraded to ensure superior adhesion.

RECOMMENDED FOR:

- Parking structures, stadiums, plazas, and buildings.
- Horizontal applications where light weight, slow speed, vehicular or pedestrian traffic is expected.

PACKAGING/COVERAGE:

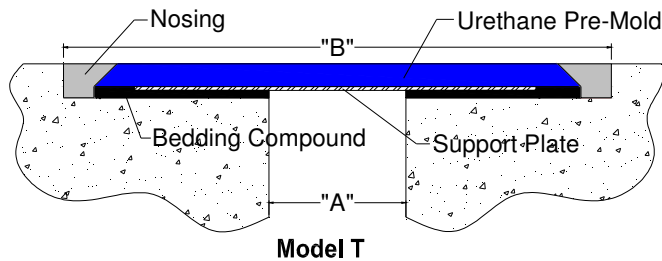
- Pre-mold is shipped in longest possible continuous length.
- All other components are packaged and shipped in standard cartons.



TECHNICAL DATA:

Design Information

WaboUreFlex is for use under light weight, slow speed vehicular or pedestrian applications. The systems include a traffic support plate under the seal and are installed flush to the traffic surface. The system can be installed in slab-slab or slab-wall applications.



Note: see product sales drawings for additional details

Movement Table

Model Number	Joint Opening "A"						System Width "B" @ 68 F	
	Min.		Max.		Total		in	mm
	in	mm	in	mm	in	mm		
T-3	0.00	0	0.50	13	0.50	13	4.00	102
T-4	0.25	6	1.00	25	0.75	19	5.00	127
T-6	0.50	13	1.50	38	1.00	25	7.00	178
T-8	0.75	19	2.25	57	1.50	38	9.00	229
T-10	1.00	25	3.00	76	2.00	51	11.00	279
T-12	0.50	13	3.00	76	2.50	64	13.00	330

Physical Properties

Urethane Pre-Mold

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Tensile Strength, min	D-412	250 psi
Elongation at Break, min	D-412	700%
Hardness, Shore A	C-661	30 +/- 5
Movement Capability	C-719	+/- 16%
Low Temperature Flexibility	D-1790	Pass

Bedding Compound

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Tensile Strength, min	D-412	225 psi
Elongation at Break, min	D-412	750%
Hardness, Shore A	C-661	30 +/- 5
Movement Capability	C-719	+/- 25%
Low Temperature Flexibility	D-1790	Pass

Nosing

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Tensile Strength, min	D-412	1000 psi
Elongation at Break, min	D-412	200%
Hardness, Shore A	C-661	55 +/- 5
Movement Capability	C-719	+/- 12.5%
Low Temperature Flexibility	D-1790	Pass
Weight Loss, Heat Aging	C-792	<5%
Pot Life (@70 F)		30 min
Cure Time (@75 F)		24 hrs



APPLICATION:

Installation Summary:

- The blockout must be formed or created to accept the system components. Consult the sales drawing for details on blockout dimensions.
- The concrete substrate must be clean (free of dirt, dust, coatings, rust, grease curing compounds and other contaminants), sound, and durable. New concrete must be fully cured (minimum of 28 days) and all laitance removed. Suitable preparation methods include shot blasting, sandblasting, chipping and scarification. Acid etching is not encouraged, although it may be required.
- Installation at temperatures below 50°F (10°C) or above 95°F (35°C) is not recommended.
- Consult manufacturer for detailed installation procedures.

Related Documents:

- Material Safety Data Sheets
- WaboUreFlex Specification
- WaboUreFlex Sales Drawings
- WaboUreFlex Installation Procedure

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 system's movement range.
- Protect the work area with appropriate plastic sheeting.
- Install the system at the mean annual temperature range.
- The expansion joint system is not intended for use under heavy trucks, buses or high speed traffic. Avoid areas where traffic must stop-and-go or turn on top of the system.
- Appropriate load-bearing transfer devices should be used when vertical deflection or shear movement is anticipated.
- 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 and 90°F.
- Shelf life of chemical components is 1 year.
- 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) 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:

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.

Contact

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