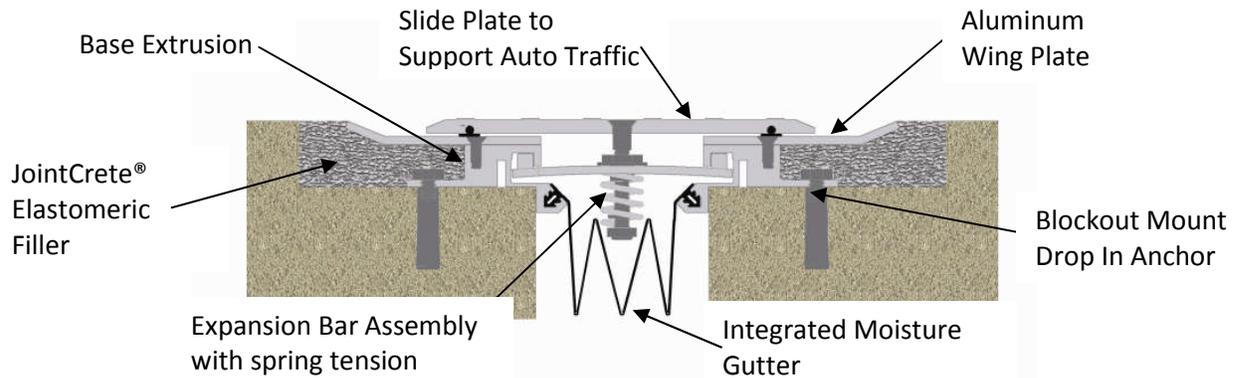


Architectural Art Mfg.
A division of Pittcon Architectural Metals, LLC

TECH DATA SHEET

WWP Series

Wing Plate Seismic Parking Joint Cover System



DESCRIPTION:

The WWP Series is designed for joint openings 4"(100mm) and wider and intended for blockout mounting in concrete and sealed with JointCrete® elastomeric filler to create a watertight system. The WWP can accommodate parking deck loading and multidirectional seismic movement. Aluminum wing plates with sloped edges are attached to aluminum base extrusions to allow tires to glide over the surface of the system. The heavy duty, load bearing slide plate features a non-slip surface finish and integrated impact sound dampeners. The heavy duty centering spring mechanism allows the slide plate to displace and return to its natural position after a seismic occurrence and Auto Impact. The integrated impact and sound dampener also acts as a water-stop. The integrated-fit Santoprene elastomeric gutter is attached to base extrusions for maintenance ability to prolong and enhance the system's waterproofing capability.

TYPICAL APPLICATIONS:

The WWP is designed to be used in car parking structures requiring seismic movement capabilities in joints 4" and larger with pre-formed concrete blockouts.

FEATURES:

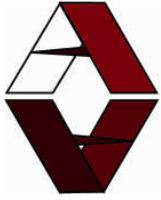
- Heavy duty centering spring mechanism designed to allow multi-directional seismic movement.
- AASHTO HS-20 load carrying capability.
- Heavy duty base frames for cast in or blockout construction.
- Waterproofing – Integrated-fit Santoprene elastomeric gutter and integrated water-stop impact sound dampener.
- Blockout design is ideal for wide expansion joint openings.

PACKAGING:

- Expansion joint aluminum components are shipped in standard 10' (3.05 meter) lengths.
- All materials and components are packaged in manufacturer's standard packaging.

PHYSICAL PROPERTIES:

- **Aluminum Extrusions:** Conform to ASTM B221, for alloys 6061-T6, Exposed Finish: Mill.
- **Integrated-fit Gutter:** Conform to ASTM D412 Santoprene 591-65A



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WWP SERIES

Tech Data Sheet - Continued

SELECTION GUIDE:

WWP SERIES - SELECTION GUIDE										
DESIGNATION	JOINT OPENING						TOTAL MOVEMENT		SLIDE PLATE WIDTH	
	MINIMUM		NOMINAL		MAXIMUM					
W40-WP-AL	2.5	64	4.0	102	6.0	152	4.0	102	9.0	229
W60-WP-AL	3.0	76	6.0	152	9.0	229	6.0	152	12.0	305
W80-WP-AL	4.0	102	8.0	203	12.0	305	8.0	203	12.0	305
W100-WP-AL	5.0	127	10.0	254	15.0	381	10.0	254	17.0	432
W120-WP-AL	6.0	152	12.0	305	17.0	431	12.0	305	17.0	432

Bold numbers are in inches. Others are millimeters

INSTALLATION:

- 1) Prepare concrete blockouts according to details specific to the intended joint opening.
- 2) Install Integrated-fit Santoprene elastomeric gutter into aluminum base extrusions.
- 3) Install seismic expansion bars with spring mechanisms at specified spacing into edge extrusions.
- 4) Apply Jointcrete® Primer to concrete and base frames.
- 5) Install base extrusions into primed concrete blockouts with fasteners provided.
- 6) Install slide plate with impact dampeners by aligning countersunk holes over expansion bar posts.
- 7) Refer to the WWP installation guidelines for detailed step-by-step instructions.

Limited Warranty

Architectural Art Mfg., Division of Pittcon Architectural Metals, LLC, warrants to its purchaser that all its products will be free of material or manufacturing defects for one (1) year. Extended warranties may be included as required and agreed to by Pittcon Architectural Metals, LLC. Any claim brought to the attention of Architectural Art Mfg., a division of Pittcon Architectural Metals, LLC, by the customer in writing; within one year of substantial completion will be examined.

If the product has failed under the terms of the warranty, it will be replaced or repaired free of charge. Architectural Art Mfg., a division of Pittcon Architectural Metals, LLC, will not be responsible for installation costs involved in such replacement or repair, consequential or other damages of any nature. This is in lieu of all other warranties expressed or implied and is the sole warranty extended.

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