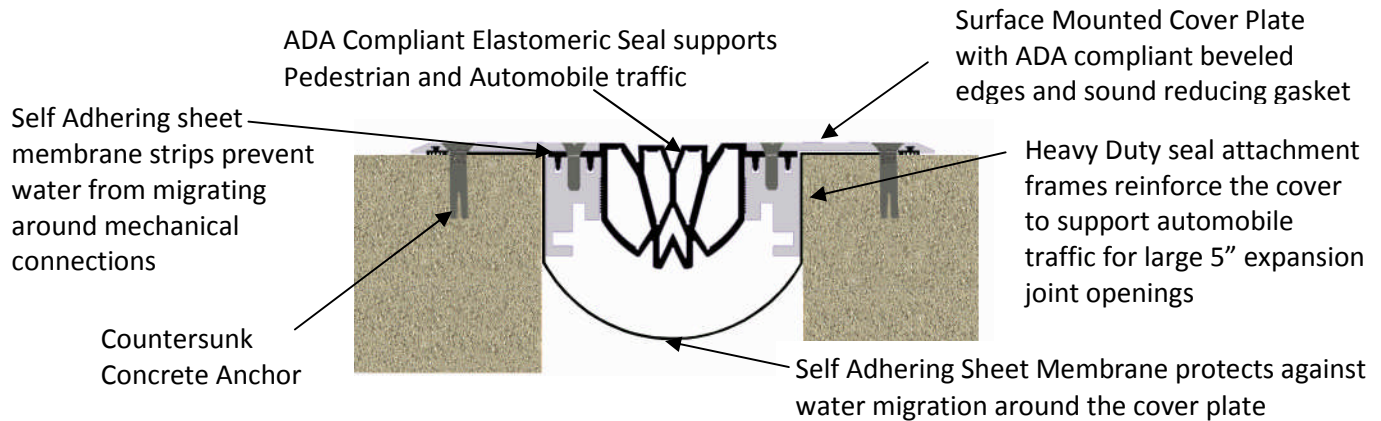


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TECH DATA SHEET

WSE Series

Surface Expansion Parking Joint Cover System



DESCRIPTION:

The WSE Series is designed for 5" (127 mm) joint openings. The WSE can accommodate parking deck loading and vertical displacement of plus or minus 1/2". The Surface Mounted design with ADA Compliant edges does not require blockout or cast in place preparation for installation. The WSE is well suited for retrofit applications and applications where expansion joints have square edges at the surface level of the concrete. The Heavy Duty seal attachment frames allow the system to function in large 5" (127mm) expansion joint openings. Self adhering sheet membranes protect edges against water migration around mechanical connections between aluminum and elastomeric extrusions.

TYPICAL APPLICATIONS:

The WSE expansion joint cover system is designed for Surface Mounted applications that require a low profile watertight connection where no concrete blockouts are present.

FEATURES:

- ADA Compliant elastomeric seal allows thermal joint movement and vertical displacement of 1/2".
- Surface Mount extruded aluminum extrusions are ADA compliant and provide a secure connection to the concrete.
- Heavy duty extruded seal attachment frames provide reinforcement to the cover plate and allow the seal to function in a large 5" expansion joint.
- Waterproofing – Self Adhering sheet membranes provide additional protection at mechanical connections.

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.
- Elastomeric seals shipped in continuous lengths.

PHYSICAL PROPERTIES:

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



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WSE SERIES

Tech Data Sheet - Continued

SELECTION GUIDE:

WSE SERIES - SELECTION GUIDE										
DESIGNATION	JOINT OPENING					TOTAL MOVEMENT		OVERALL NOM WIDTH		
	MINIMUM		NOMINAL		MAXIMUM					
W50-SE-SA	3.5	88	5.0	127	6.5	165	2.5	63	10.5	267

Bold numbers are in inches. Others are millimeters

INSTALLATION:

- 1) Attach the self adhering membrane gutter to the surface of the concrete expansion joint edge.
- 2) Pre-assemble the elastomeric seal into the aluminum attachment frames.
- 3) Attach the cover plates through the elastomeric seal and into the attachment frames with the screws provided.
- 4) Install the sound reducing gasket into the cover plates.
- 5) Apply Self Adhering edge membrane strips over aluminum base frame and over elastomeric seal.
- 6) Attach the WSE system by match drilling the concrete to the pre-drilled cover plates where the self adhering sheet membranes have already been applied.
- 7) Refer to the WSE installation guidelines for detailed step-by-step instructions.

Limited Warranty

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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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