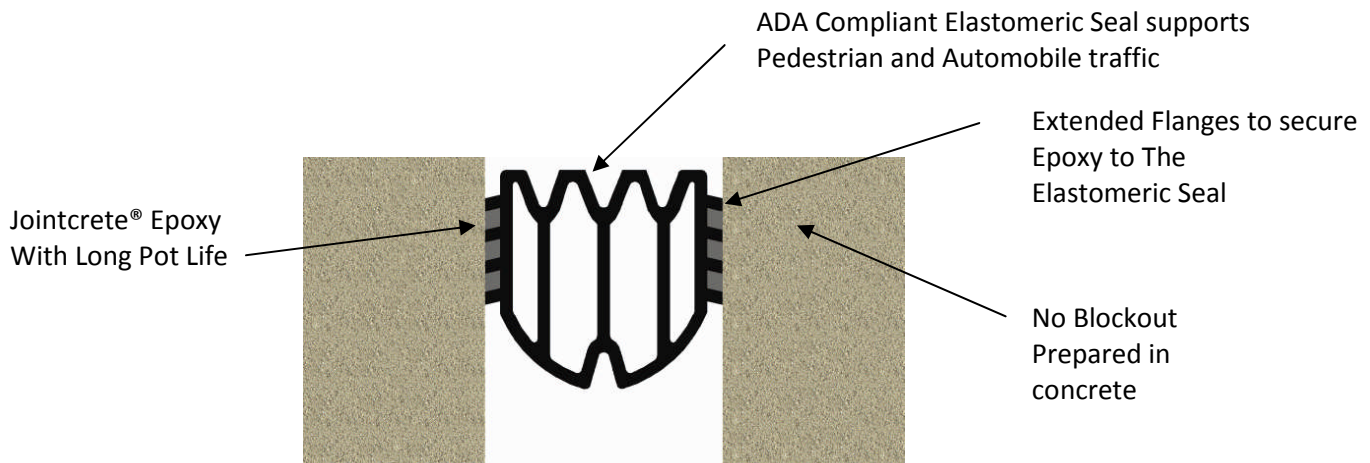


Architectural Art Mfg.
A division of Pittcon Architectural Metals, LLC

TECH DATA SHEET

WES Series

Epoxy Expansion Seal Joint Cover System



DESCRIPTION:

The WES Series is designed for 2" (75mm) through 4" expansion joint openings. The WES can accommodate parking deck loading and vertical displacement of plus or minus ½". The Heavy Duty extruded elastomeric seal is designed to expand and contract with the movement of the concrete during thermal, seismic or wind conditions. The WES system is designed to be installed in concrete or block construction. The expansion joint edge conditions are either squared or slightly chamfered at the surface. The elastomeric seal is attached using a non shrink structural epoxy 2 part mixture with extended pot life for workability.

TYPICAL APPLICATIONS:

The WES system is designed to be used in car parking structures and other open air environments where waterproofing is preferred at expansion joint openings without blockouts. The WES system is used in applications common to compression seals. The seal can be vacuumed down as part of the installation procedure to reduce stress on the concrete edges.

FEATURES:

- ADA Compliant elastomeric seal allows thermal joint movement and vertical displacement of ½".
- Automobile traffic bearing surfaces
- Jointcrete® 2 part epoxy with extended pot life for workability
- Waterproofing – The combination of the elastomeric seal and structural epoxy creates a watertight bond to the concrete
- Rubberized epoxy and rubber aggregate materials provide flexible connections to the concrete

PACKAGING:

- Jointcrete® Epoxy is packaged in a handy carton containing 1 quart A and 1 pint B components
- Elastomeric seals shipped in continuous lengths.

PHYSICAL PROPERTIES:

- **Jointcrete®** Epoxy is a proprietary 2 part epoxy with a pre-measured mix ratio of 2:1
- **Elastomeric Seal:** Conform to ASTM D412 Santoprene 591-65A



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WES SERIES

Tech Data Sheet - Continued

SELECTION GUIDE:

WES SERIES - SELECTION GUIDE										
DESIGNATION	JOINT OPENING						TOTAL MOVEMENT		OVERALL NOM WIDTH	
	MINIMUM		NOMINAL		MAXIMUM					
W20-ES-SA	1.25	32	2.0	51	2.75	70	1.25	32	2.0	51
W30-ES-SA	2.00	51	3.0	77	4.00	102	2.00	51	3.0	76
W40-ES-SA	2.75	70	4.0	102	5.375	137	2.63	67	4.0	102

Bold numbers are in inches. Others are millimeters

INSTALLATION:

- 1) Clean the concrete edges and ensure that they are free from dust, debris and moisture.
- 2) Drill or punch holes in one end of the elastomeric seal and one hole in the top of the seal on the same end.
- 3) Secure and seal the ends of the elastomeric seal with self adhering sheet membrane supplied by the manufacturer.
- 4) Attach the nozzle of the vacuum hose into the top hole in the elastomeric seal and vacuum down the seal until the full length is compressed.
- 5) Place the Elastomeric seal lengthwise alongside the expansion joint opening.
- 6) Tape over the exposed surface of the elastomeric seal and the exposed surface edges of the concrete to keep the area and material clean during and after installation. Painters tape with a clean release works best.
- 7) Apply Jointcrete® epoxy to the edges of the seal and to the interior edges of the concrete.
- 8) Place the seal into the joint opening and release the vacuum pressure to allow the seal to expand to fill the expansion joint gap.
- 9) Refer to the WES 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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