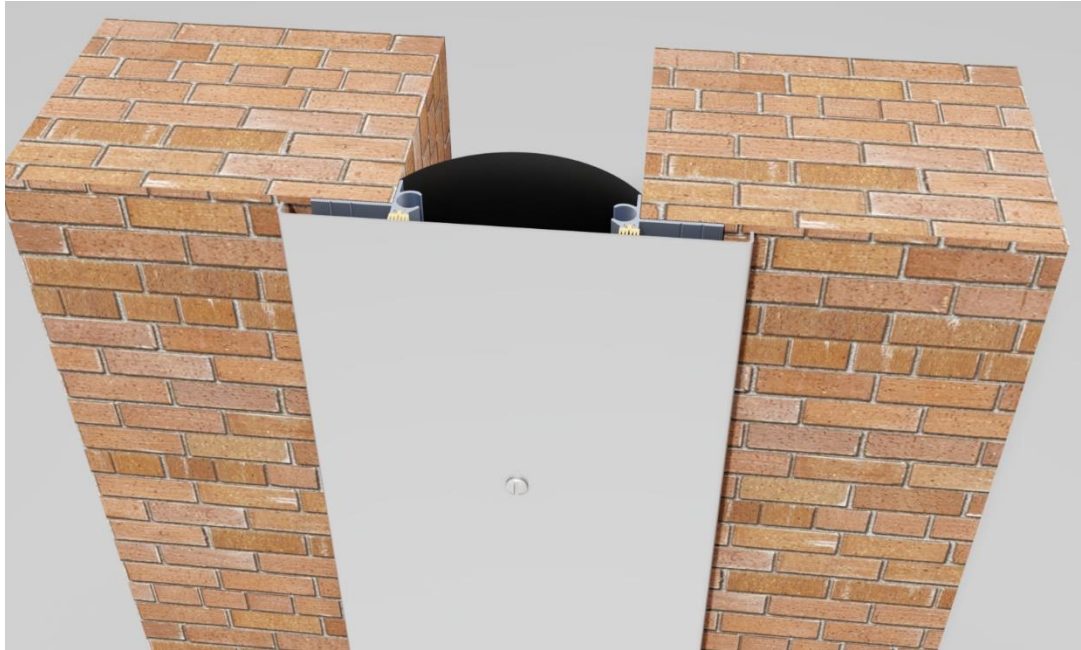


# Installation Procedure

Last Updated: May 2019



## Wabo® Seismic Cover Exterior, WFE

Exterior Seismic Expansion Joint Cover System

The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

- 1) Carefully read and understand installation procedure. Contact WBA's Technical Service Department at (800) 677-4922 for product assistance.
- 2) Inspect all shipments and materials for missing or damaged components and hardware. Contact Customer Service at (800) 677-4922 with WBA's order number and invoice for prompt assistance.
- 3) Inspect substrate or adjacent construction for acceptance before beginning work. Report unacceptable construction to the project manager for scheduled repair work.
- 4) Review WBA shop drawings for project specific detailed information if Engineering services were purchased at time of order.

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# Health & Safety

During the installation of any Watson Bowman Acme product, appropriate personal protective items should be worn at all times, including but not limited to the following:

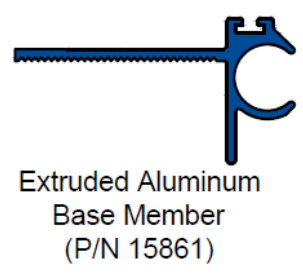
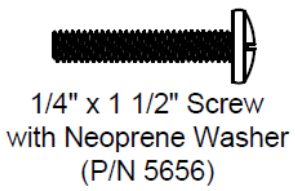
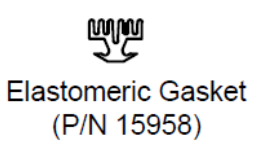
- Proper work clothing
- Safety glasses
- Safety boots
- Gloves
- Hard hat



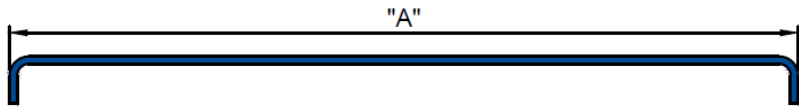
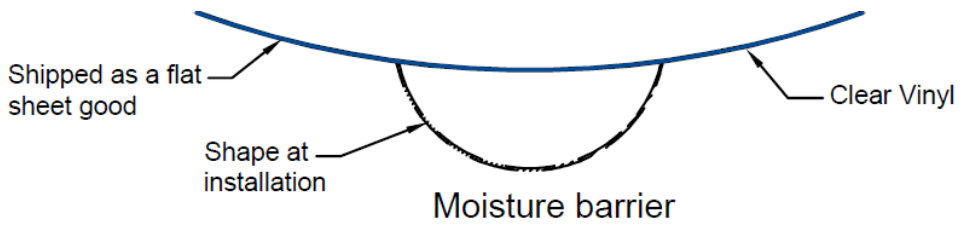
Local rules and regulations regarding safe work environments and health should be followed.

# Product Components

The following components are required for the installation of this product:

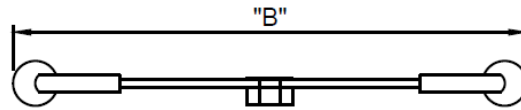


**Installer Note:** Components shown below are shipped in varying sizes according to joint system model to be installed. Consult your shipping documents for proper part listings and requirements. Shipment should include splicing hardware and components which are not shown on this page.



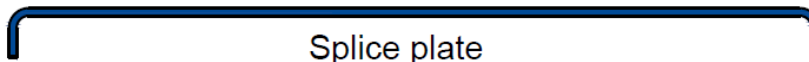
Aluminum Cover Plate

Model	"A"	Part Number	Model	"A"	Part Number
WFE-200	6 3/8"	15902	WFE-1000	17"	15906
WFE-400	8 3/8"	15903	WFE-1200	19 3/4"	15907
WFE-600	11 3/8"	15904	WFE-1800	28 3/4"	15908
WFE-800	14 3/8"	15905	WFE-2400	37 3/4"	15909



Self-centering bar

Model	"B"	Part Number	Model	"B"	Part Number
WFE-200	7"	11089	WFE-1000	18 3/8"	15630
WFE-400	12 3/8"	15643	WFE-1200	22 3/8"	15631
WFE-600	12 3/8"	15643	WFE-1800	32 3/8"	15644
WFE-800	18 3/8"	15630	WFE-2400	42 3/8"	15605



Splice plate

Note: splice plate has same configuration as cover plate but is 2" lg.

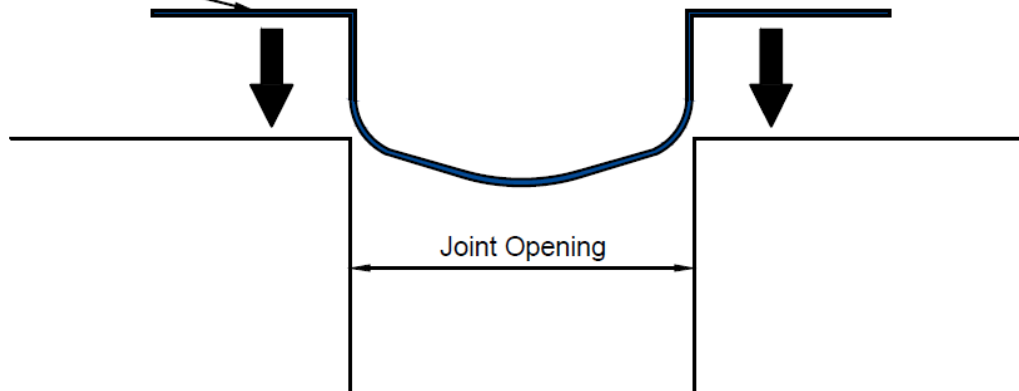
Model	Part Number	Model	Part Number
WFE-200	15920	WFE-1000	15924
WFE-400	15921	WFE-1200	15925
WFE-600	15922	WFE-1800	15926
WFE-800	15923	WFE-2400	15930

## Installation

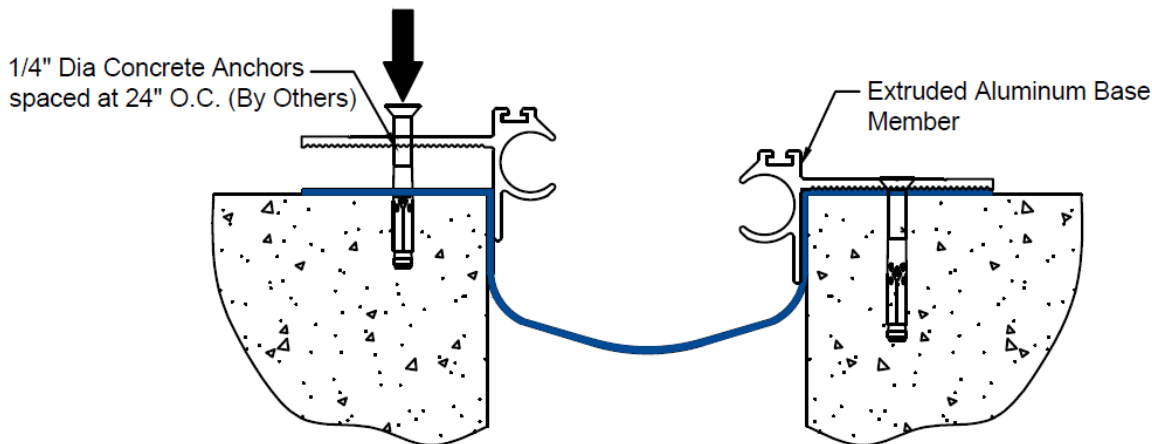
1

Install moisture barrier. Ensure proper drape and relaxation to accommodate joint movement.

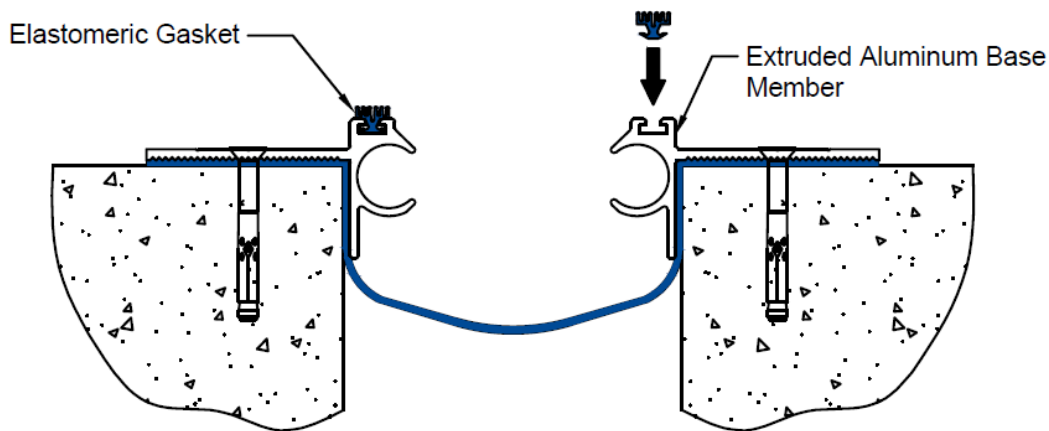
Moisture Barrier



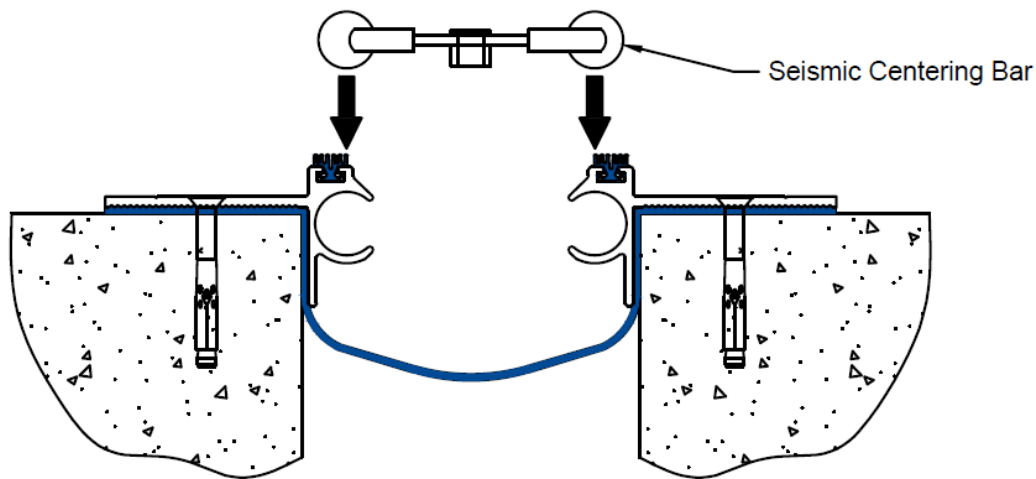
- 2** Position extruded aluminum base member flush with the inside face of wall structure and fasten base member down utilizing concrete anchors (by others).



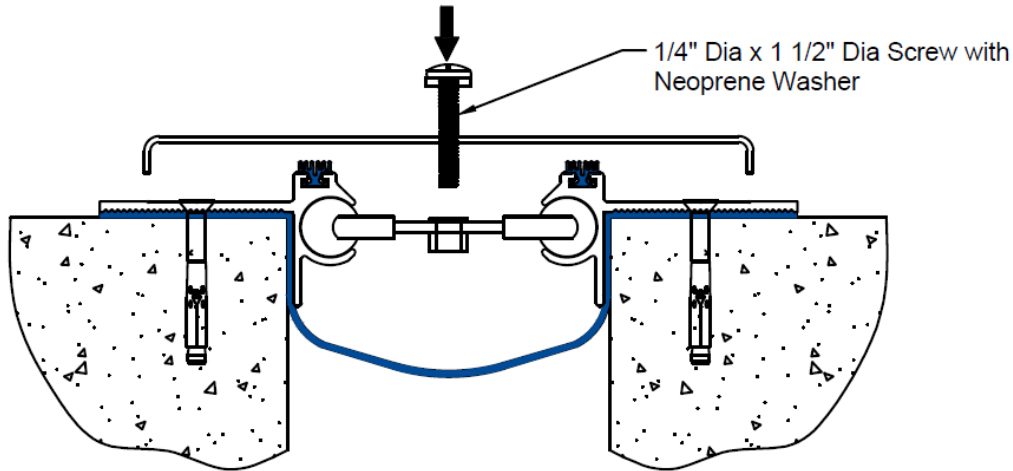
- 3** Install elastomeric gaskets. It is recommended to slide gasket into extrusion cavity from its ends as work progresses.



- 4** As work progresses with placement of base members, install self-centering bars by sliding the spherical ends of the bars into and through the circular cavities of the base members. Set at an approximate spacing of 18" O.C., ensure that the "top" indicator is facing up and that all bars are in the same orientation.

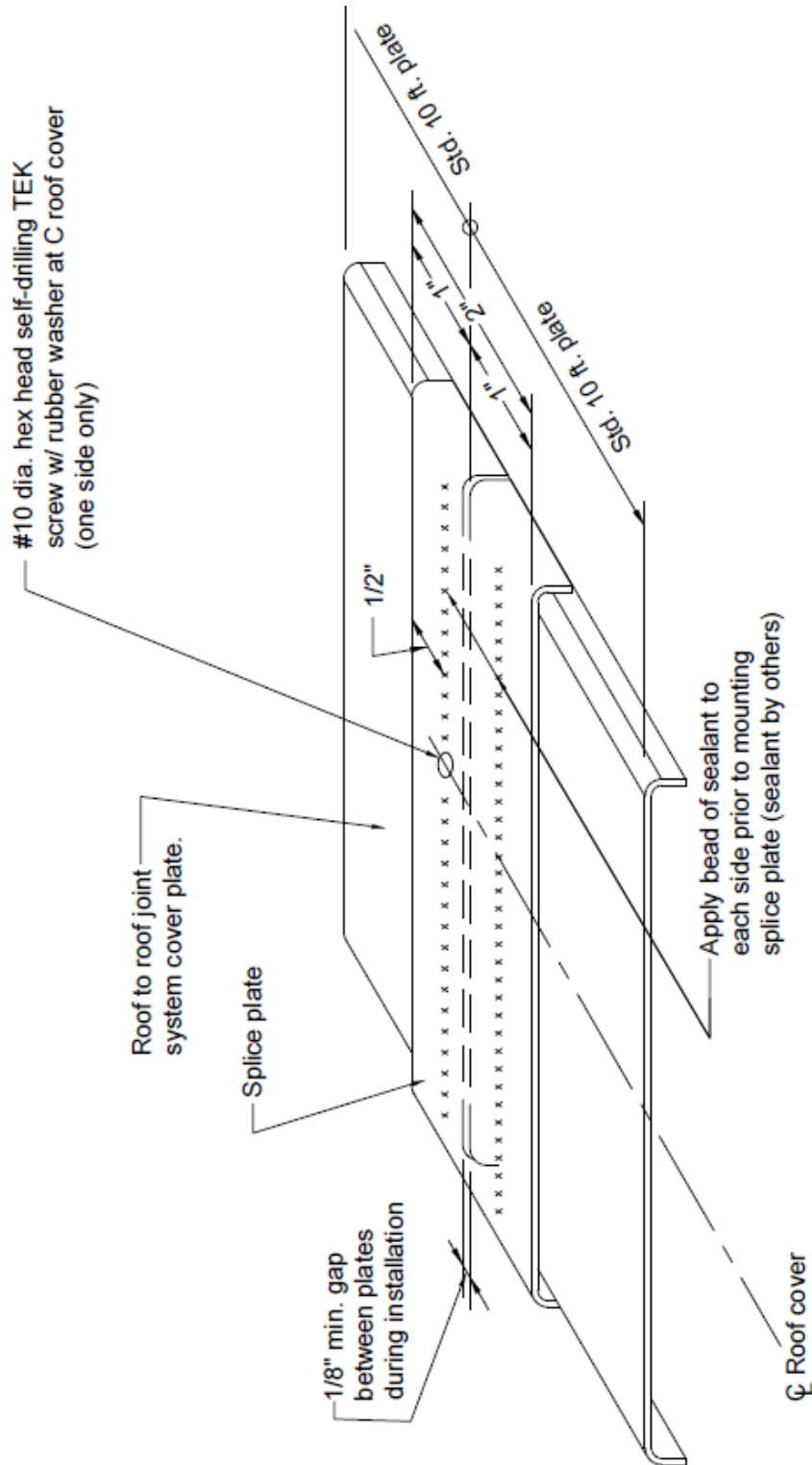


- 5** Install aluminum cover using 1/4" diameter screw and neoprene washers.



**6**

Install splice plates.



**Note:**  
Spread sealant evenly to prevent splice plate from being raised off of roof cover.

*Watson Bowman Acme is your Strongest Partner for Expansion Joint Systems & Responsible Solutions.  
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