

Installation Procedure

Last Updated: February 2019



Wabo®RoofCover, Model RFC

Roof Expansion Joint 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:

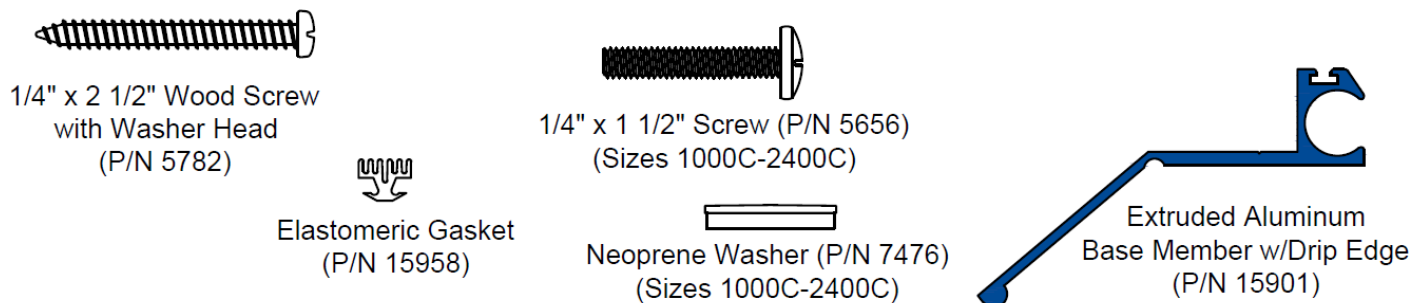
- Proper work clothing
- Safety glasses
- Safety boots
- Gloves
- Hard hat



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

Product Components

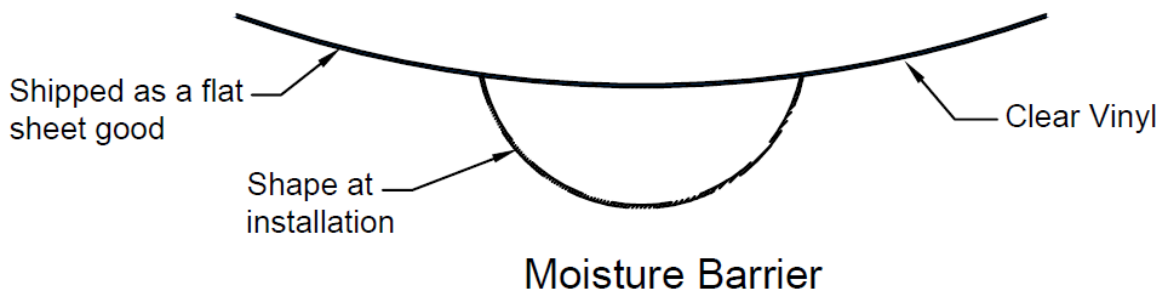
The following are standard components required for the installation of this product:

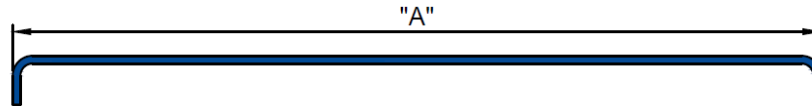


Components shown below vary in size depending on model of system:

Installers note: Shown below are components that are shipped in varying sizes according to joint system model to be installed. Consult your shipping documents for proper part listings and requirements.

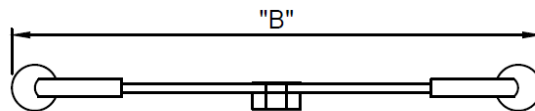
Note: shipment should include splicing hardware and components which are not shown on this page





Aluminum Cover Plate

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



Self-centering bar

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



Splice plate

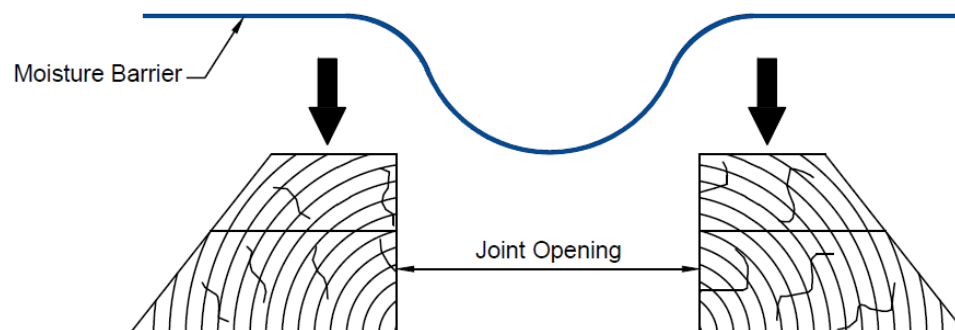
Note: splice plate has same configuration as cover plate but is 2" lg.

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

Installation

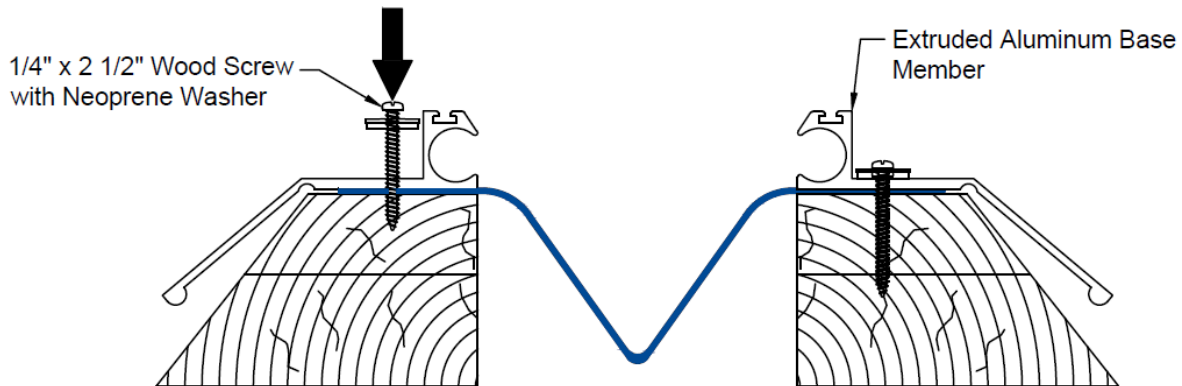
1

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

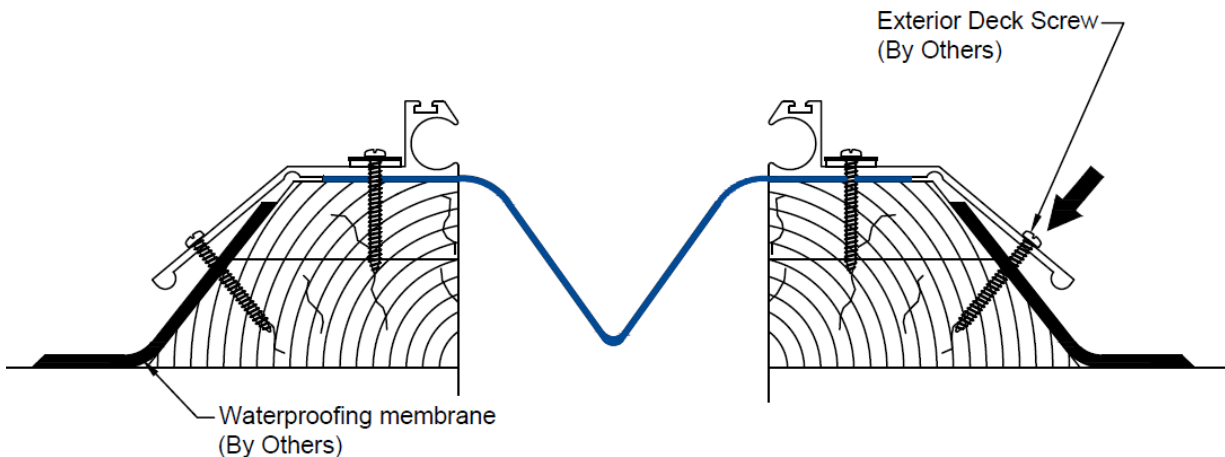


2

Position extruded aluminum base member flush with the inside face of wood cant block and fasten base member down utilizing wood screws.

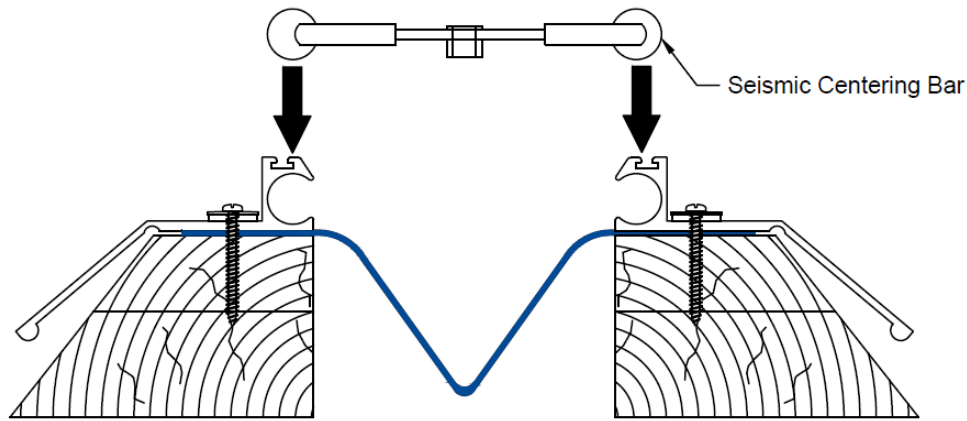
**3**

If the waterproofing membrane terminates at the cant strip of the expansion joint, the system can be fastened to the cant strip by using the built-in drip edge on the base member. The contractor can drill a small hole in the flange of the base member to allow the exterior deck screw to anchor the flange of the base member as well as the waterproofing membrane to the roof cant strip.

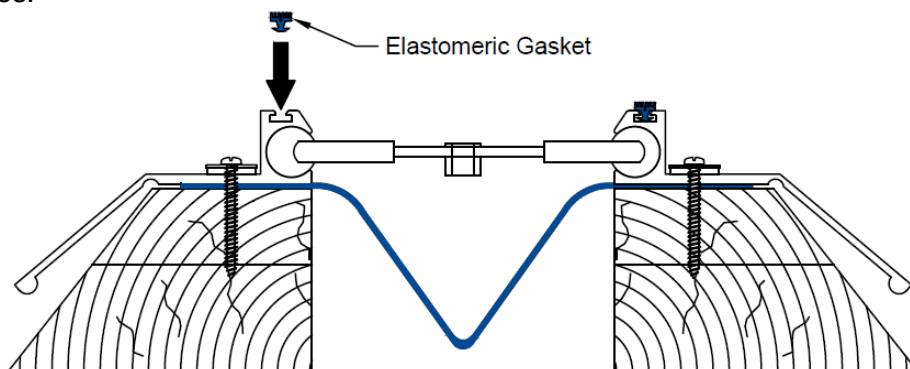


4

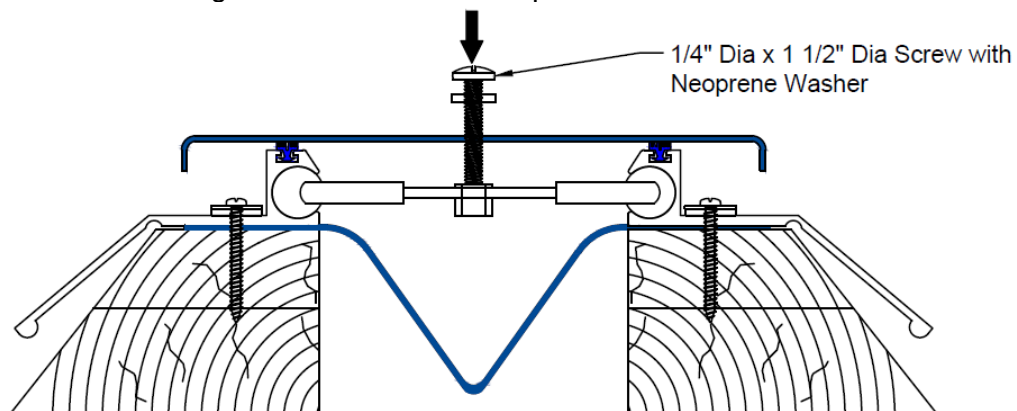
As work progresses with placement of base members, install self-centering bars by sliding the spherical ends of the bars into and through the circular cavities of the base members. Set at an approximate spacing of 18" O.C., ensure that the "top" indicator is facing up and that all bars are in the same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

**5**

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

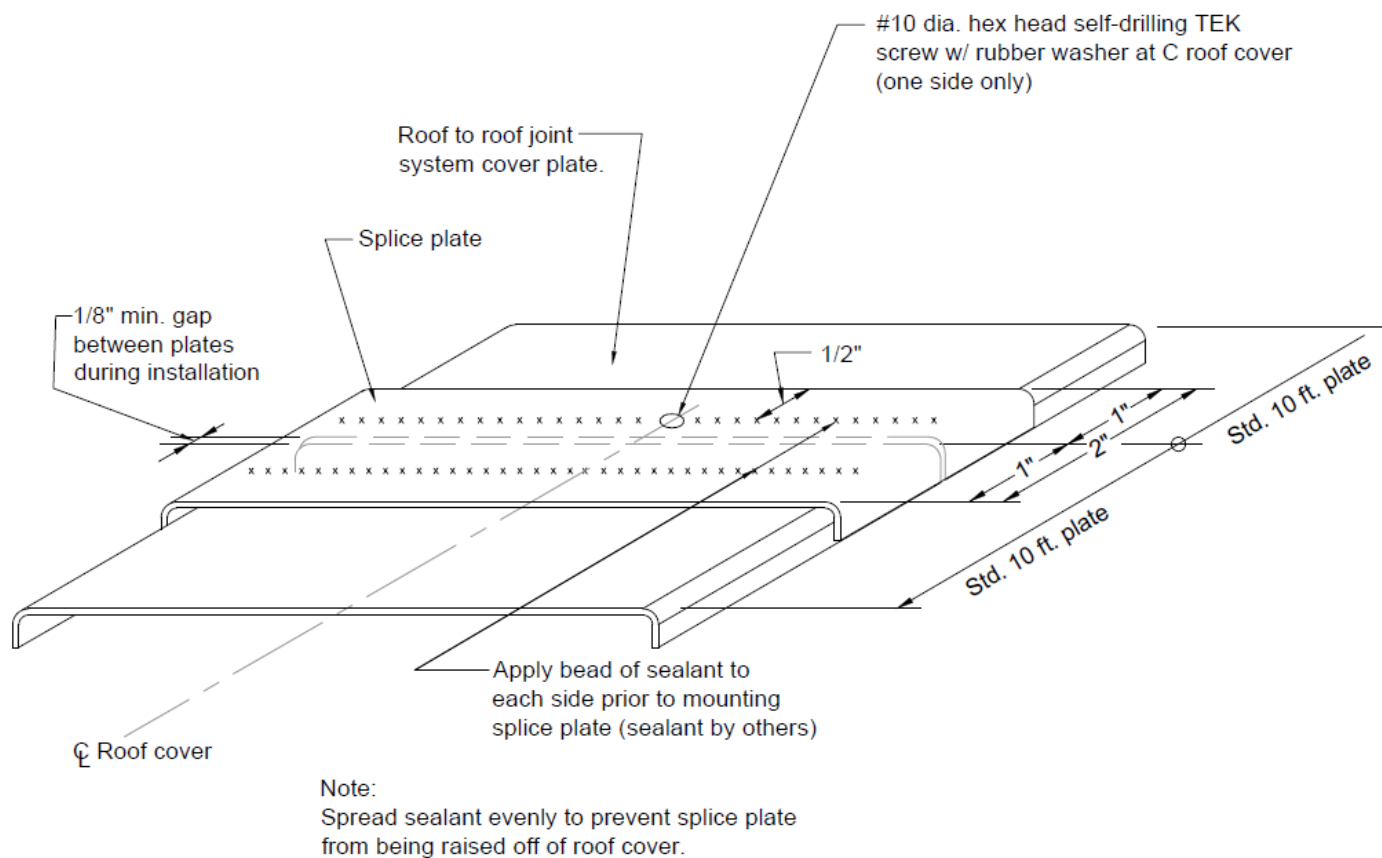
**6**

Install aluminum cover using 1/4" dia screw and neoprene washers.



7

Install splice plates.



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