



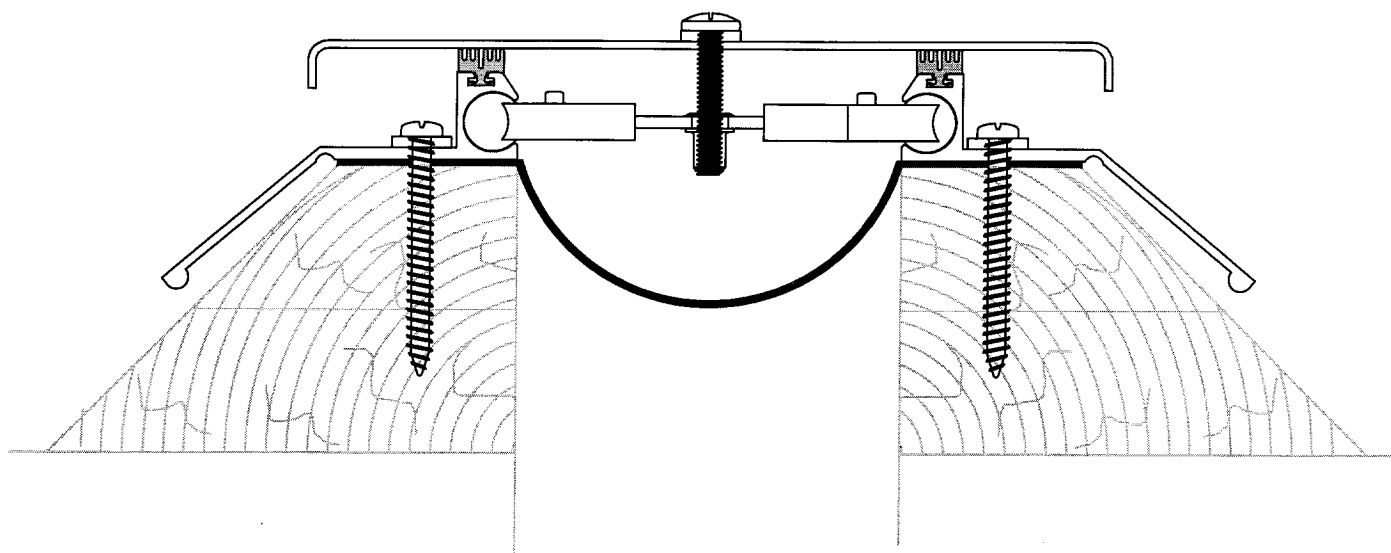
# Installation Procedure

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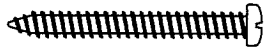


## Wabo® RoofCover Series Model(s) "RFC" Horizontal Expansion Control Systems

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.

# Standard components



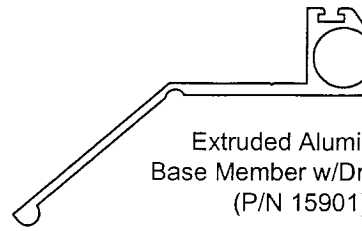
1/4" x 2 1/2" Wood Screw  
with Washer Head  
(P/N 5782)



1/4" x 1 1/2" Screw  
with Neoprene Washer  
(P/N 5656)



Elastomeric Gasket  
(P/N 15958)

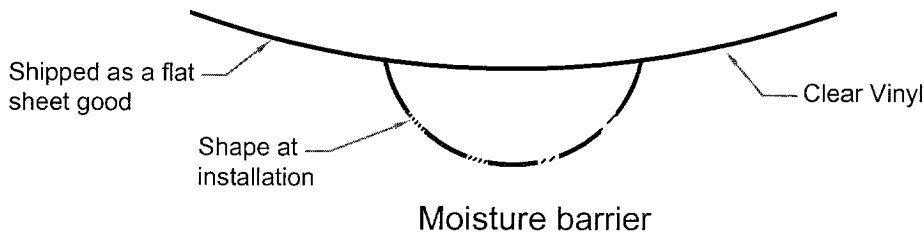


Extruded Aluminum  
Base Member w/Drip Edge  
(P/N 15901)

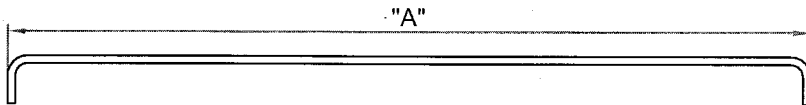
## Components shown below vary in size depending on model of system

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

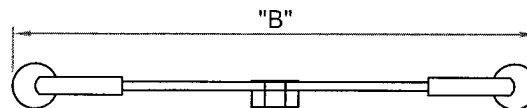


Moisture barrier



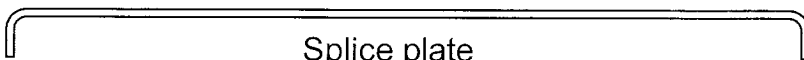
Aluminum Cover Plate

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.

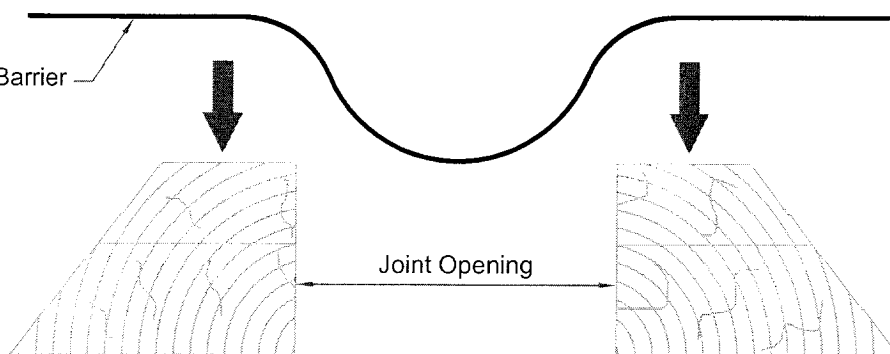
Model	Part Number	Model	Part Number
RFL-200	15920	RFL-1000	15924
RFL-400	15921	RFL-1200	15925
RFL-600	15922	RFL-1800	15926
RFL-800	15923	RFL-2400	15930

# Installation procedure: RFC RoofCover system

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Moisture Barrier

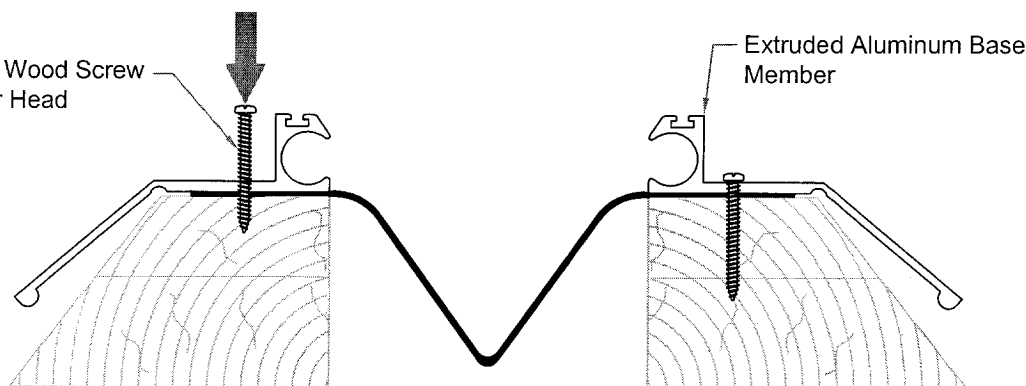


Joint Opening

1

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

1/4" x 2 1/2" Wood Screw  
with Washer Head

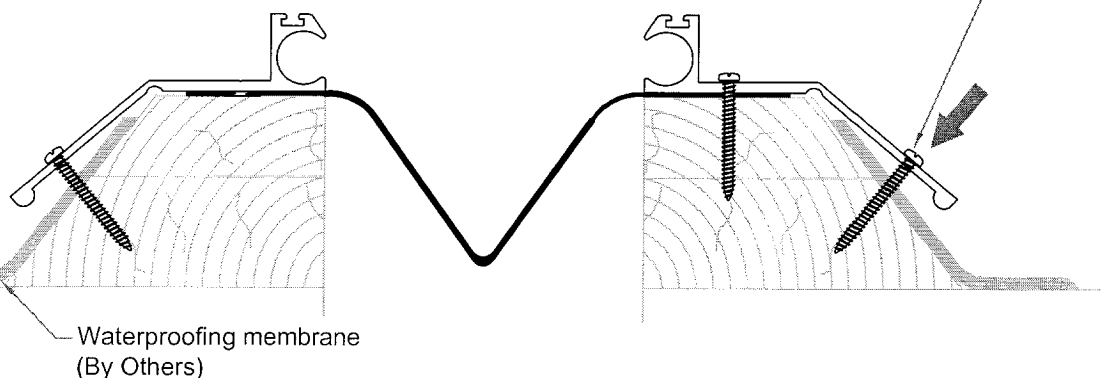


Extruded Aluminum Base  
Member

2

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

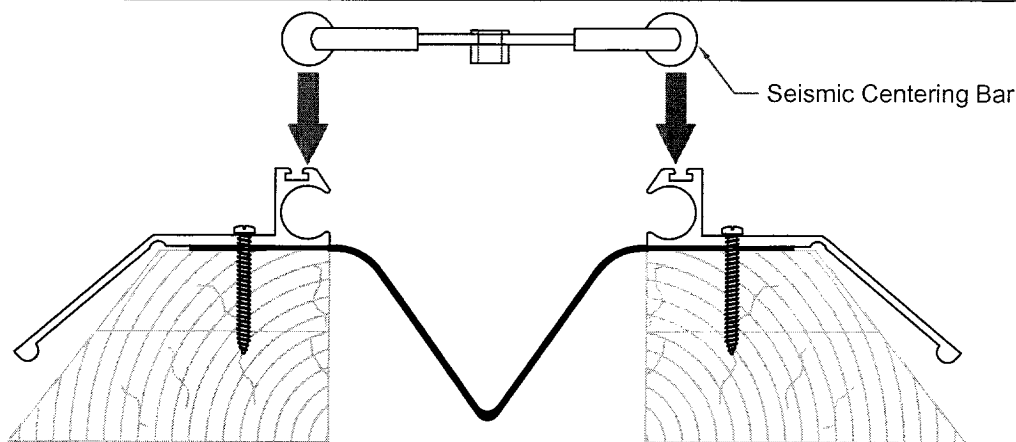
Exterior Deck Screw  
(By Others)



Waterproofing membrane  
(By Others)

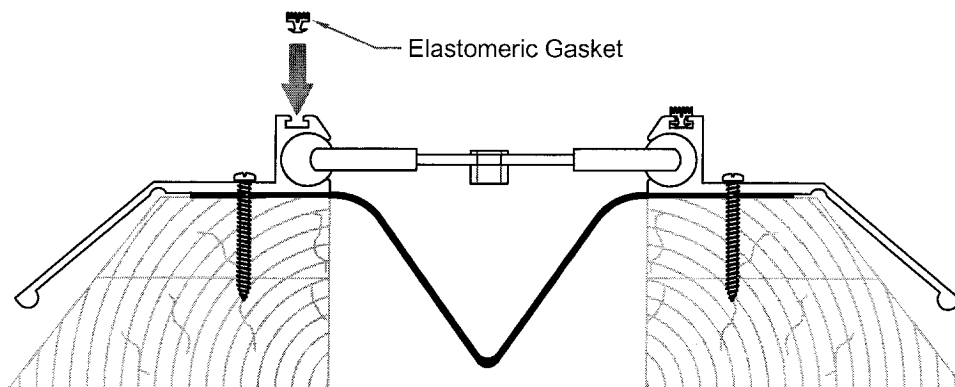
3

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.



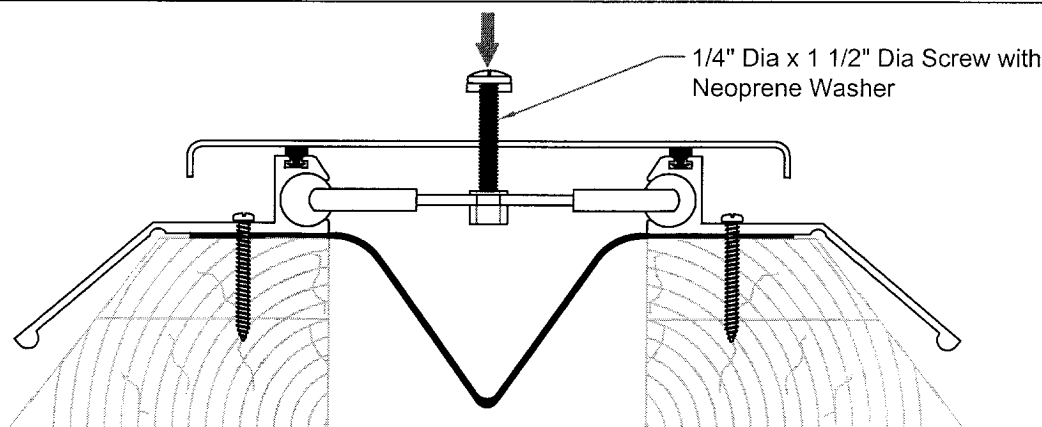
**4**

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.

Installation procedure: RFC RoofCover system

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#10 dia. hex head self-drilling TEK  
screw w/ rubber washer at C roof cover  
(one side only)

Roof to roof joint  
system cover plate.

Splice plate

1/8" min. gap  
between plates  
during installation

1/2"

Std. 10 ft. plate

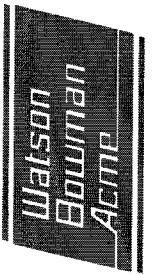
Std. 10 ft. plate

Apply bead of sealant to  
each side prior to mounting  
splice plate (sealant by others)

⌀ Roof cover

Note:

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



### Installation procedure: RFC RoofCover system

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