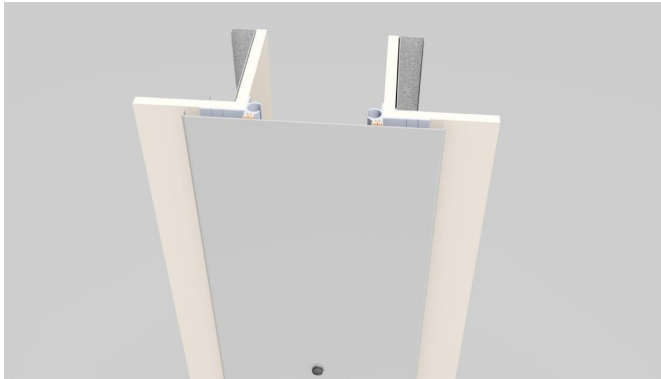




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Installation Procedure



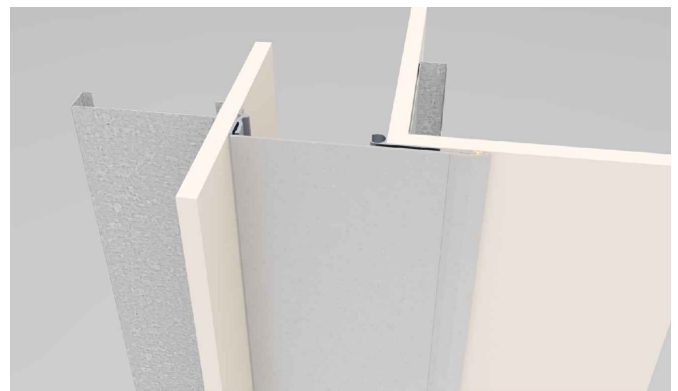
WFI



WFI-C



WFT



WFT-C

Wabo®SeismicCover Interior

Interior 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.

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- 4) Review Emseal shop drawings for project specific detailed information if Engineering services were purchased at time of order.

Health & Safety

During the installation of any Sika Emseal 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



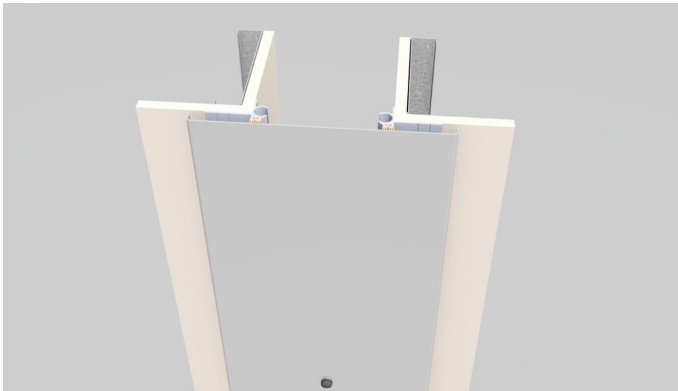
Local rules and regulations regarding safe work environments and health should be followed.



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Installation Procedure



Wabo®SeismicCover Interior, WFI & WFI-C

Interior Seismic Expansion Joint Cover System

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- 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:



Elastomeric Gasket
(P/N 15958)



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

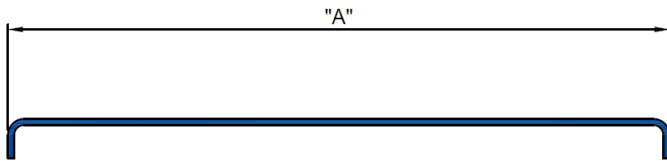


Extruded Aluminum
Base Member
(P/N 15861)



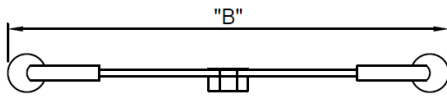
Components shown below vary in size depending on model of system:

WFI



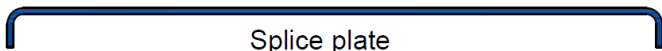
Aluminum Cover Plate

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



Self-centering bar

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

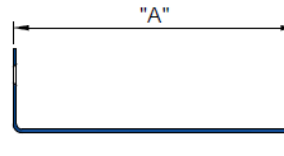


Splice plate

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

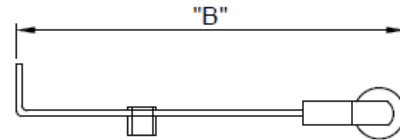
Model	Part Number	Model	Part Number
WFI-200	15920	WFI-1000	15924
WFI-400	15921	WFI-1200	15925
WFI-600	15922	WFI-1800	15926
WFI-800	15923	WFI-2400	15930

WFI-C



Aluminum Cover Plate

Model	"A"	Part Number	Model	"A"	Part Number
WFI-200C	3 3/4"	15910	WFI-1000C	15 7/8"	15914
WFI-400C	6 3/4"	15911	WFI-1200C	18 7/8"	15915
WFI-600C	9 3/4"	15912	WFI-1800C	27 7/8"	15916
WFI-800C	12 3/4"	15913	WFI-2400C	36 7/8"	15917



Self-centering bar

Model	"B"	Part Number
WFI-1000C	14"	15660
WFI-1200C	16"	15661
WFI-1800C	22"	15663
WFI-2400C	28"	15665



Splice plate

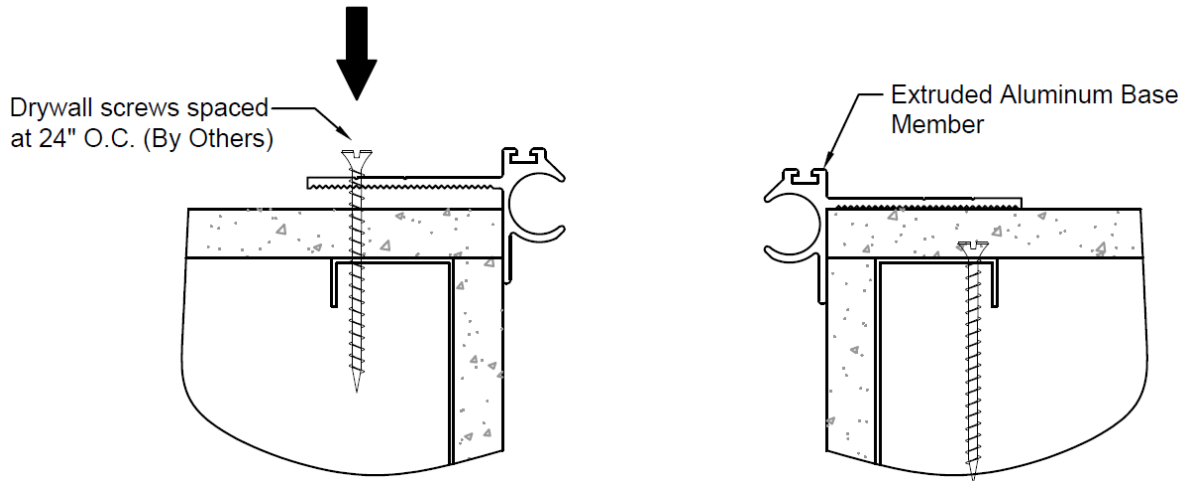
Note: splice plate has same configuration as cover plate but is 2" lg.

Model	Part Number	Model	Part Number
WFI-200C	15931	WFI-1000C	15935
WFI-400C	15932	WFI-1200C	15936
WFI-600C	15933	WFI-1800C	15937
WFI-800C	15934	WFI-2400C	15938

Installation - WFI

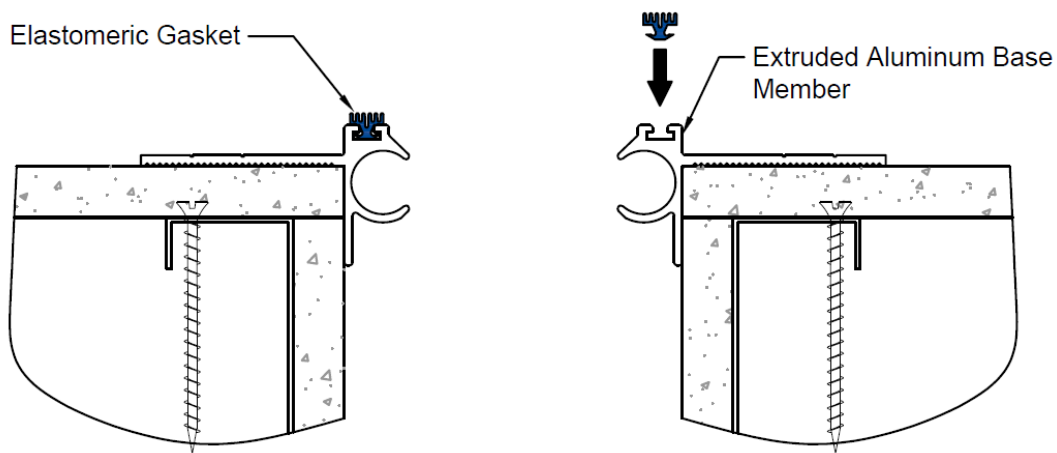
1

Position extruded aluminum base member flush with the inside face of the joint opening and fasten base member down utilizing drywall screws.



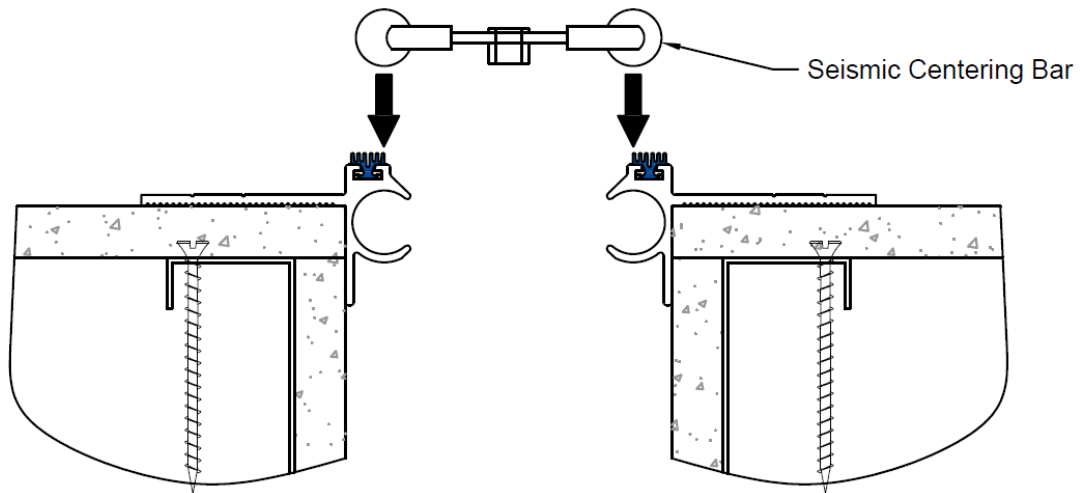
2

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

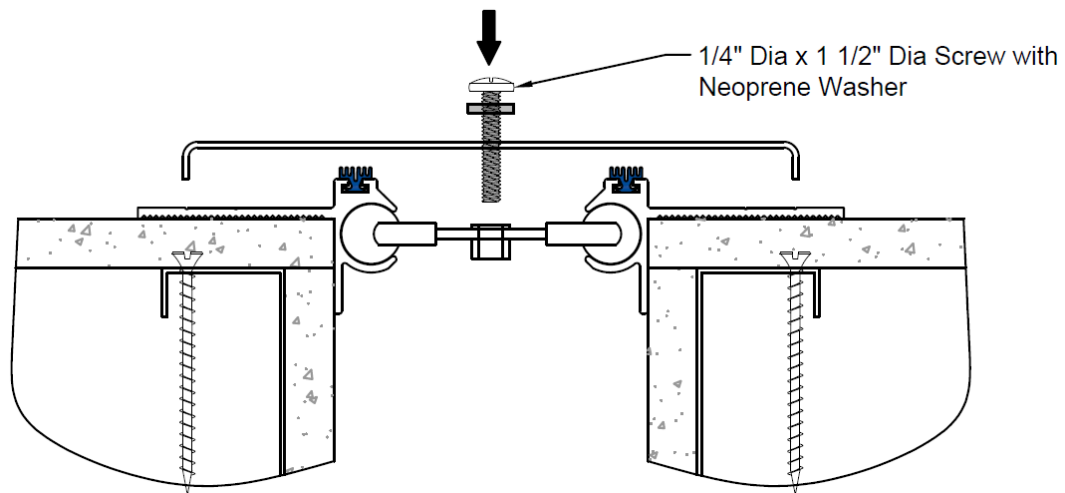


3

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.

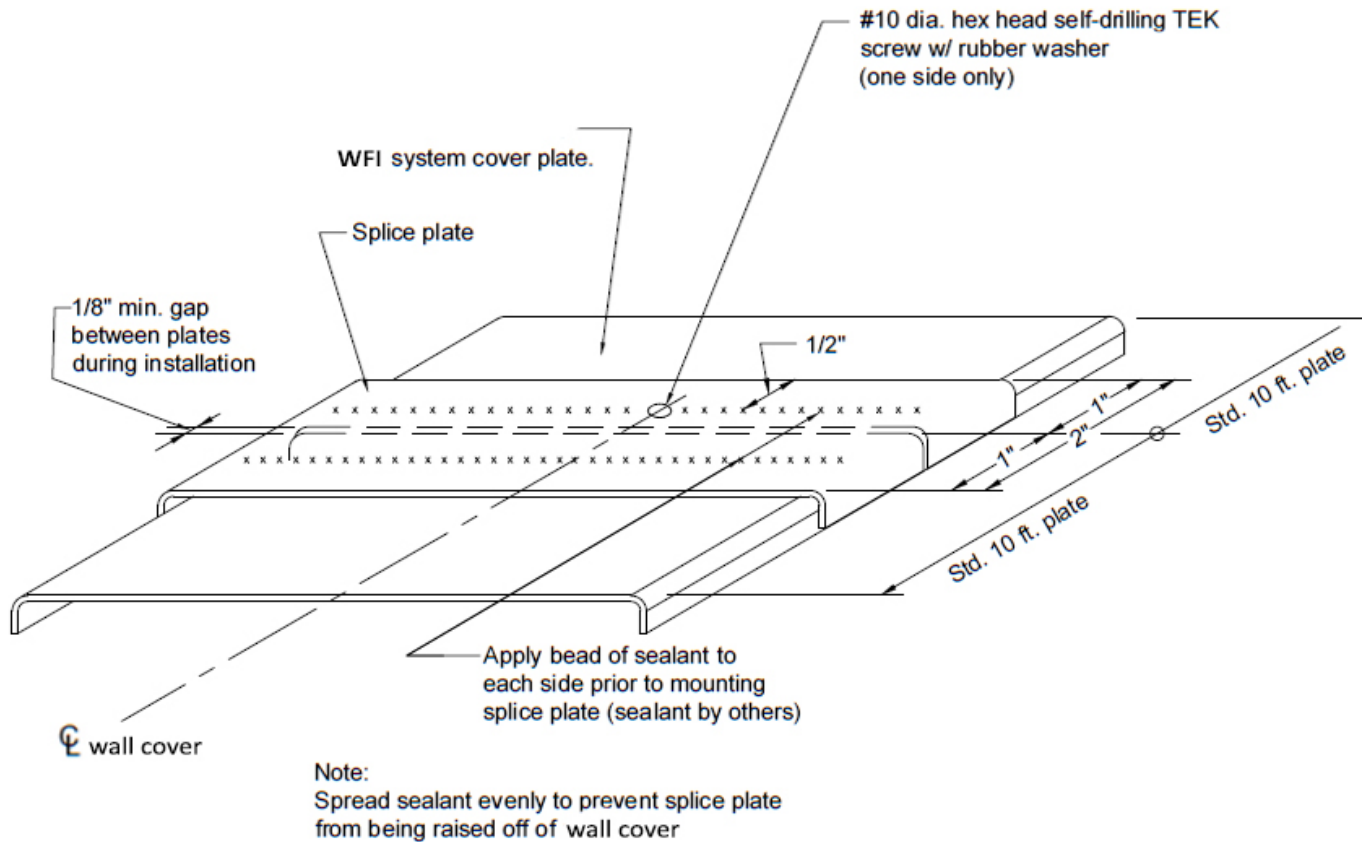
**4**

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



5

Install splice plates.



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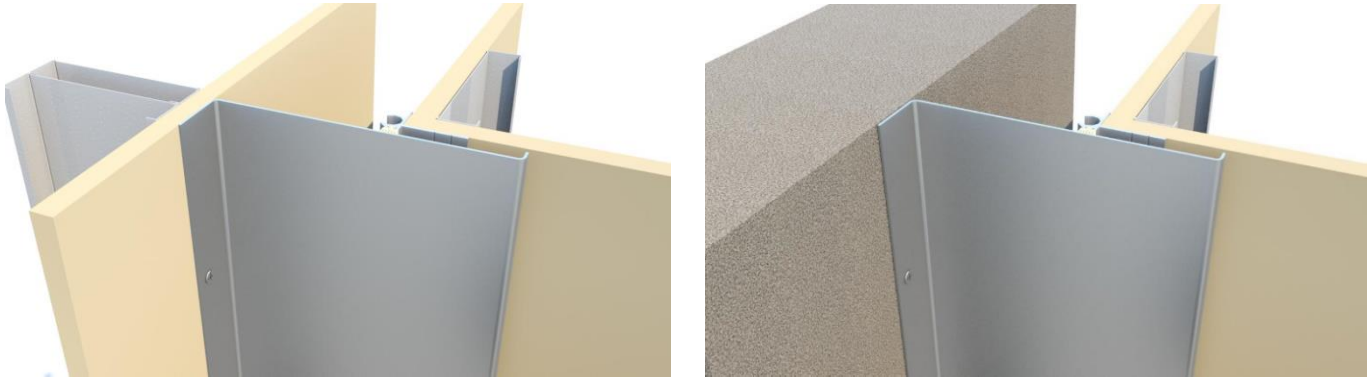




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Installation Procedure



Wabo®SeismicCover Interior, WFI-C

Interior Seismic Expansion Joint Cover System

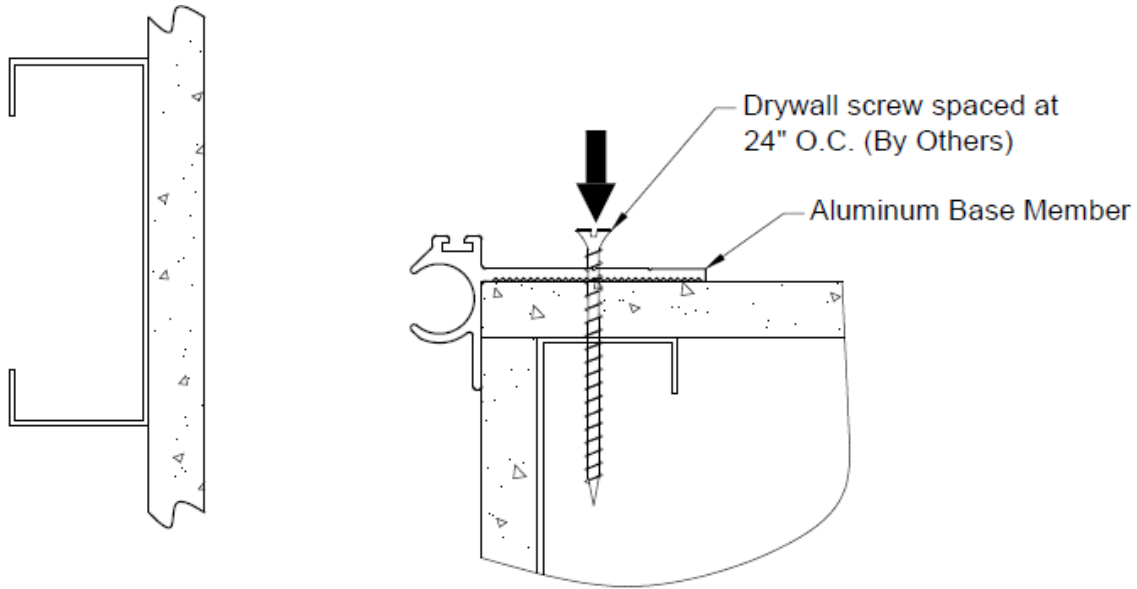
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Installation - WFI-C

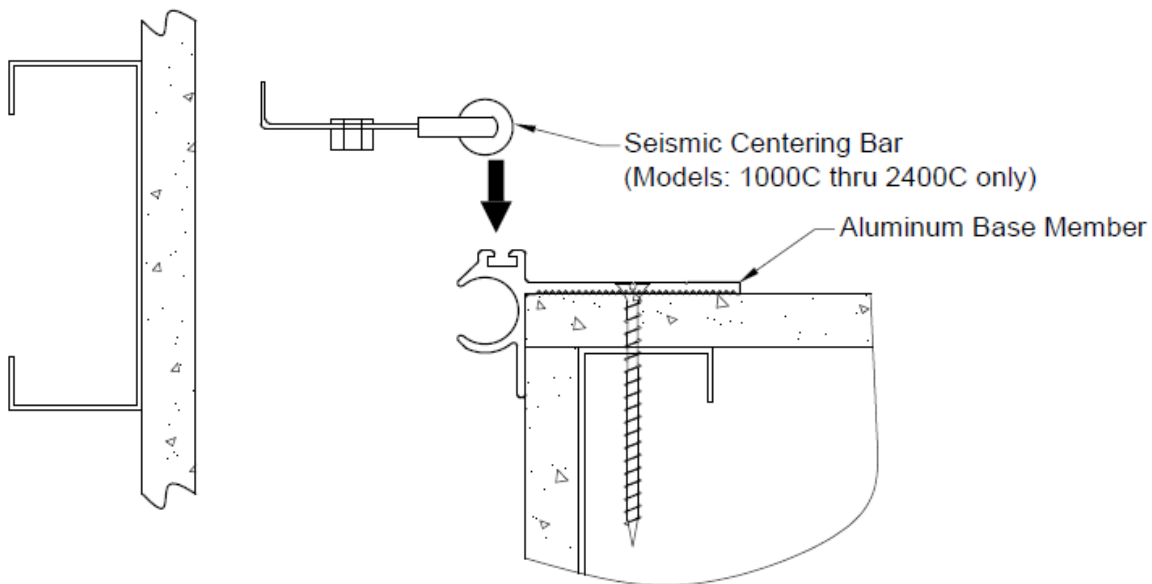
1

Position extruded aluminum base member from the inside edge of the joint opening and fasten base member down utilizing drywall screws.



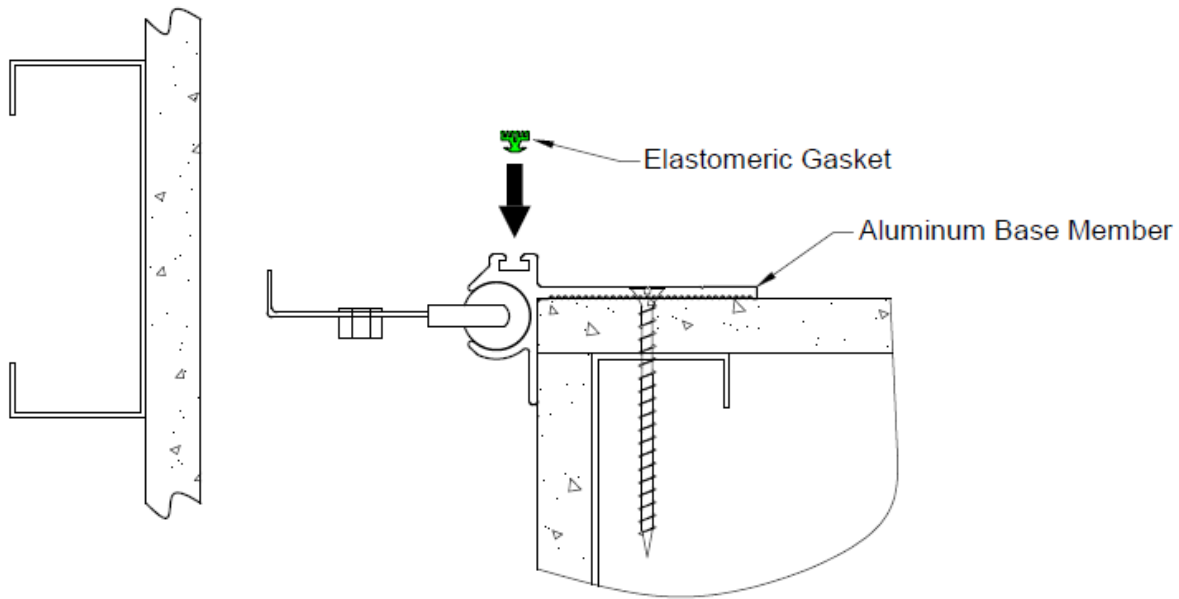
2

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. Once in place, use small pieces of duct tape to hold it level for easy insertion of screws while attaching aluminum cover.



3

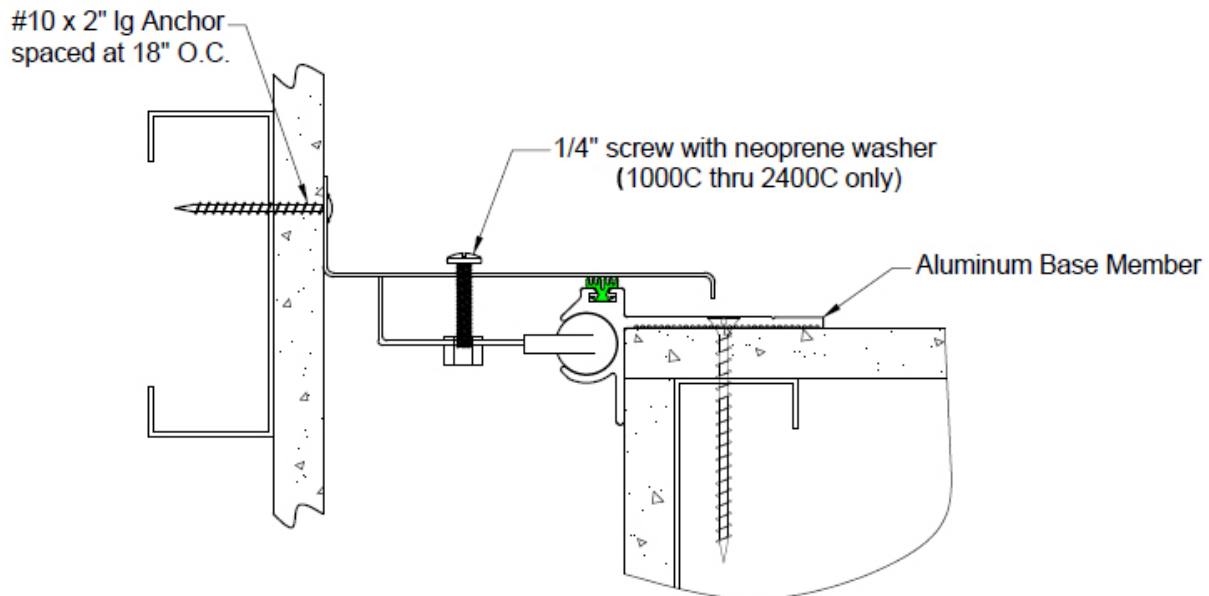
Install elastomeric gasket. It is recommended to slide gasket into extrusion cavity from its ends as work progresses.



4

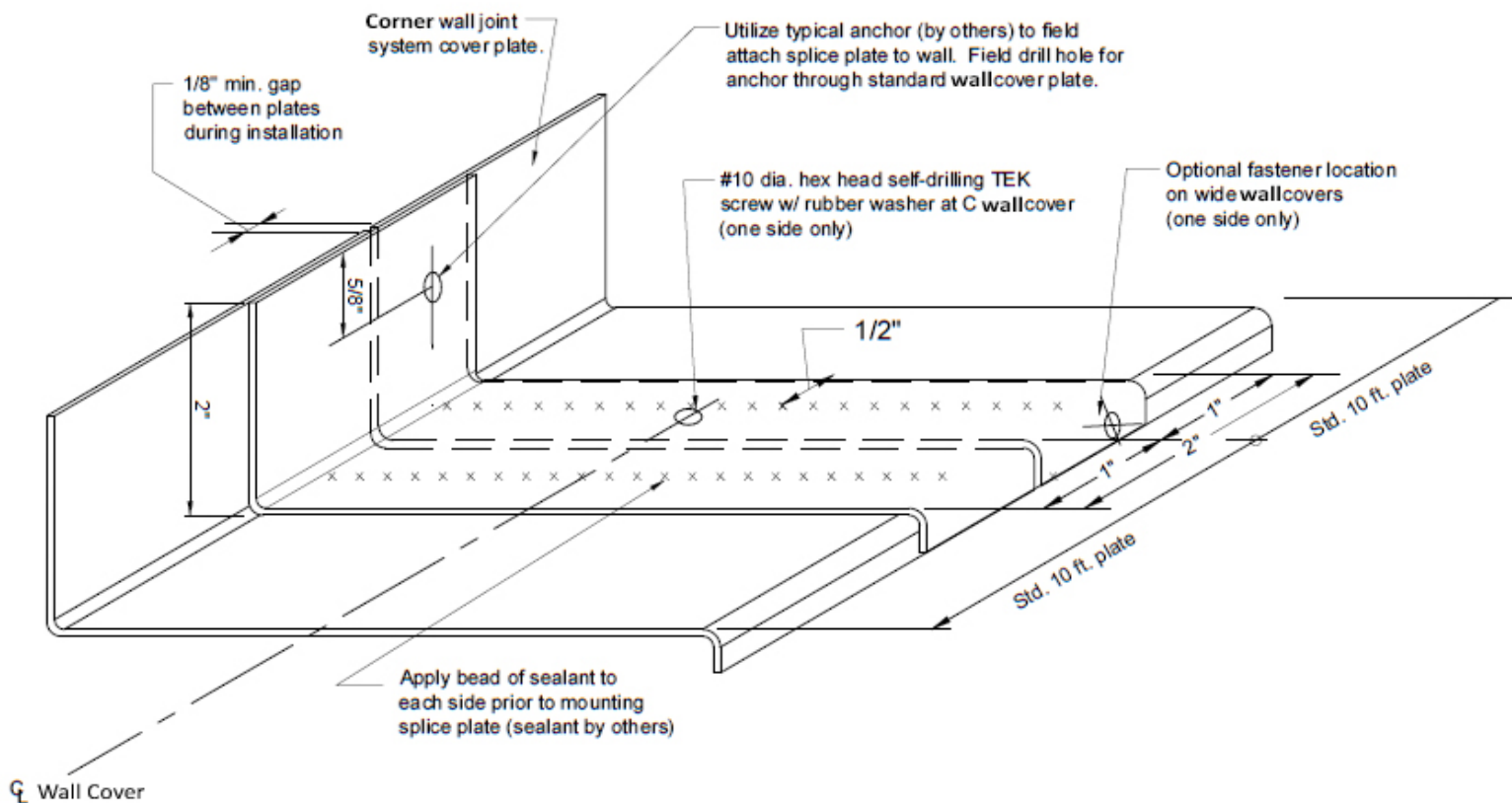
Following anchor manufacturer's installation procedure, fasten the aluminum cover plate to the wall by using #10 dia screw (by others).

Note: For system sizes 1000C thru 2400C, fasten the aluminum cover plate to the centering bars by using the 1/4" dia screw with neoprene washer. Once the cover plate has been fastened to the centering bars, the cover plate can be fastened to the wall using #10 dia screw.



5

Install splice plates.



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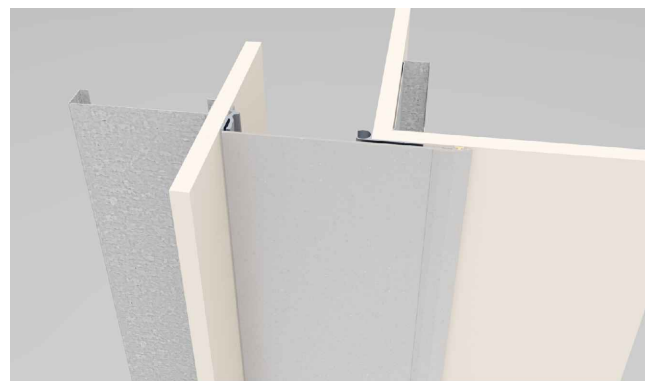




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Installation Procedure



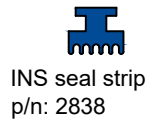
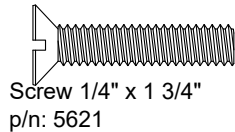
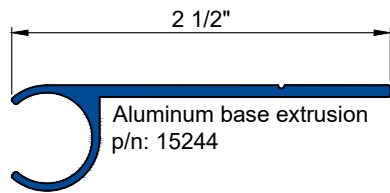
Wabo®SeismicCover Interior, WFT & WFT-C

Interior Seismic Expansion Joint Cover System

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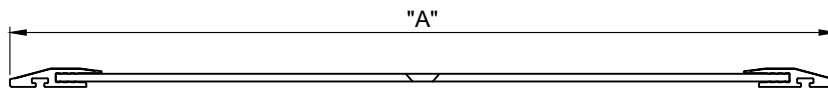
Standard components



Aluminum Wall Mount Extrusion
Corner Applications only
p/n: 17032

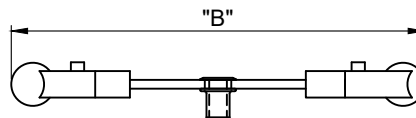


Components shown below vary in size depending on model of system



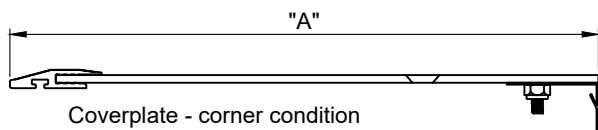
Coverplate - flush condition

Model #	Part #	"A" dim.
WFT-400	15400	13 1/2"
WFT-600	15400	13 1/2"
WFT-800	15401	17 1/2"
WFT-1000	15402	21 1/2"
WFT-1200	15403	25 1/2"
WFT-1800	15404	37 1/2"
WFT-2400	15405	49 1/2"



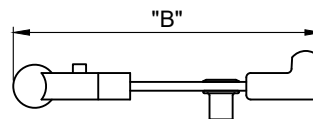
Self-center bar - flush condition

Model #	Part #	"B" dim.
WFT-400	15643	12 3/8"
WFT-600	15643	12 3/8"
WFT-800	15630	18 3/8"
WFT-1000	15631	22 3/8"
WFT-1200	15603	26 3/8"
WFT-1800	15604	38 3/8"
WFT-2400	15641	50 3/8"



Coverplate - corner condition

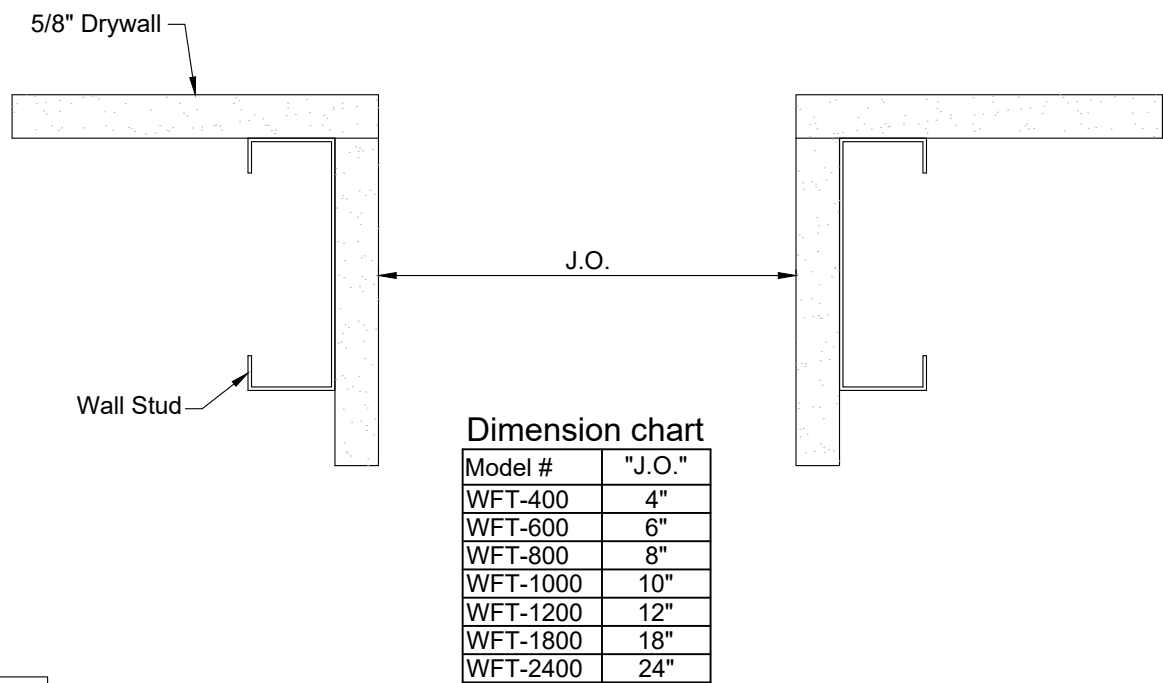
Model #	Part #	"A" dim.
WFT-400C	15399	6 5/8"
WFT-600C	15406	9 5/8"
WFT-800C	15407	12 5/8"
WFT-1000C	15408	15 5/8"
WFT-1200C	15409	18 5/8"
WFT-1800C	15410	27 5/8"
WFT-2400C	15411	36 5/8"



Self-center bar - corner condition

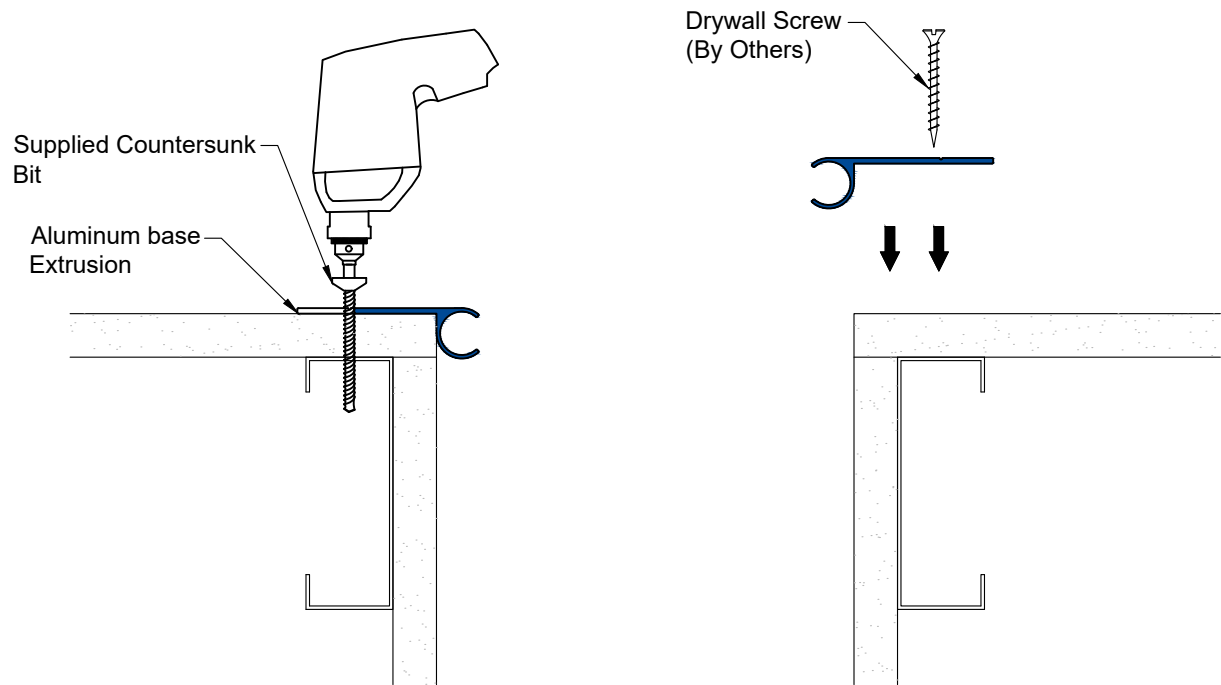
Model #	Part #	"B" dim.
WFT-400C	15658	9"
WFT-600C	15658	9"
WFT-800C	15659	12"
WFT-1000C	15660	14"
WFT-1200C	15661	16"
WFT-1800C	15663	22"
WFT-2400C	15665	28"

Installation - WFT



1

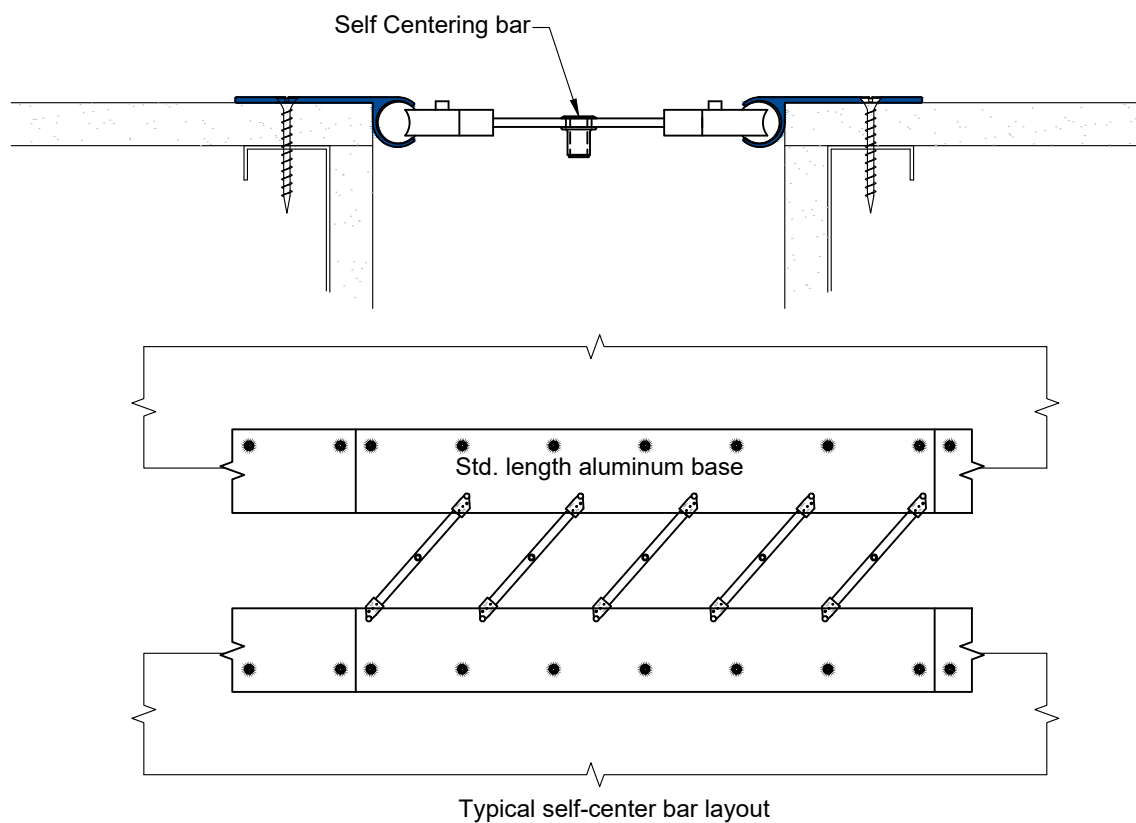
Prior to beginning work, installer shall inspect for proper wall construction. Verify joint opening is as called for on chart.



2

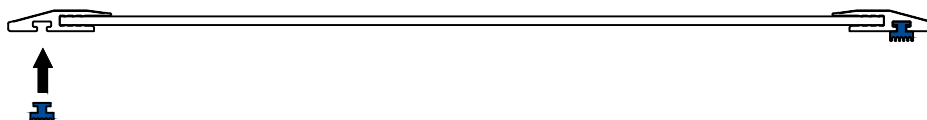
Place aluminum wall extrusion on edge of opening as shown. Utilizing supplied countersink bit drill through extrusion and drywall into stud. Fasten with drywall screws (By Others) spaced at 18" o.c. maximum, start 6" from ends.

NOTE: See step 3 next page before installing all base members.



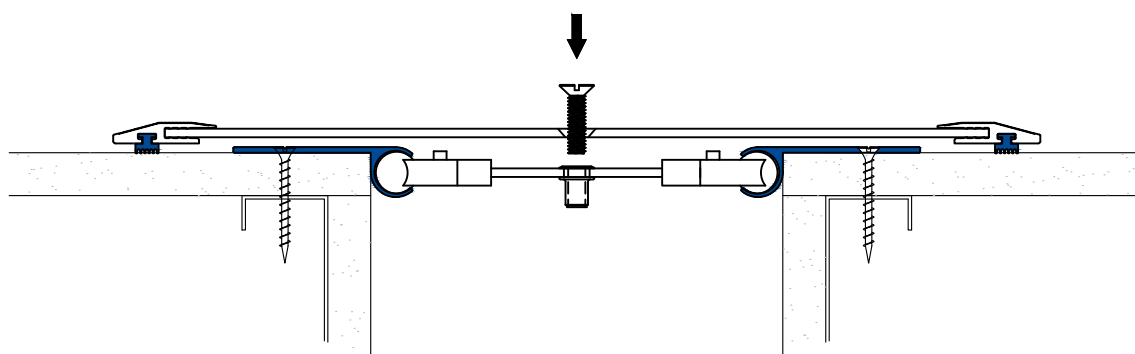
3

As you install aluminum base member sections, slide self-center bars into circular cavities. Make sure that "TOP" indicator is facing out and that all bars are in same orientation. Utilizing duct tape or something similar put a small strip on bar to hold spacing at 24" o.c.



4

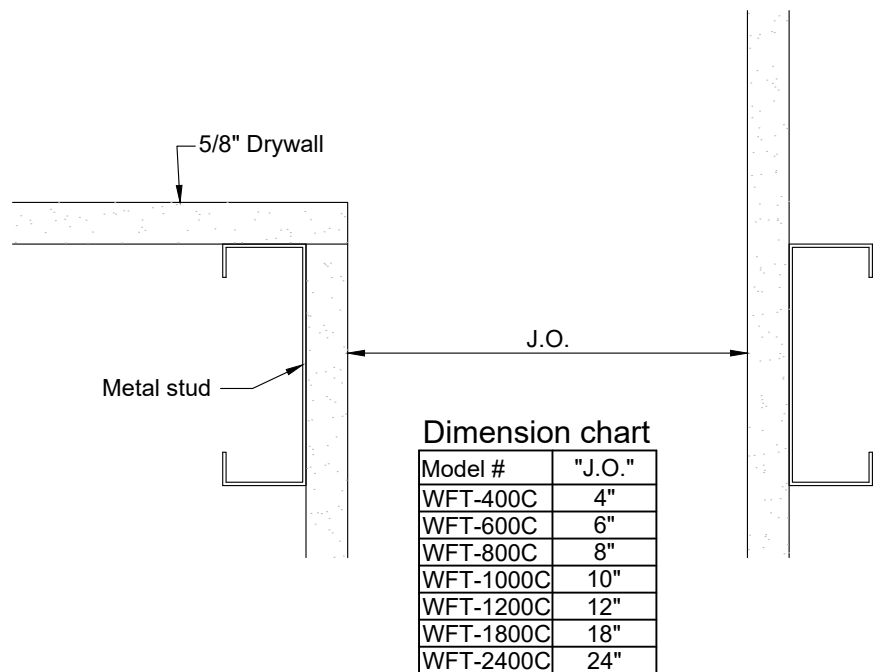
Slide gasket into coverplate



5

Center coverplate over joint opening, aligning the holes for the self-centering bars over the previously installed bars. Insert the 1/4" x 1 1/4" csk flathead machine screw through the cover into self-centering bars. Tighten to create measurable tension in bar.

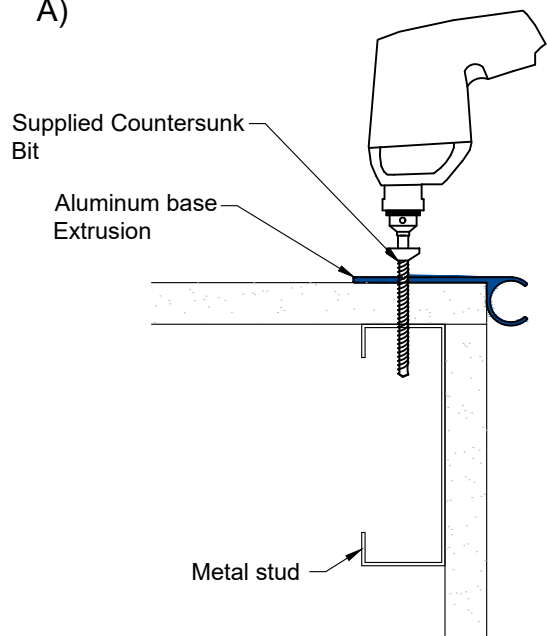
Installation - WFT-C



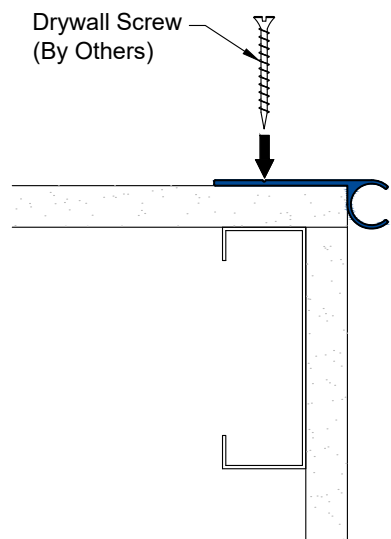
1

Prior to beginning work, installer shall inspect for proper wall construction. Verify joint opening is as called for on chart.

A)



B)



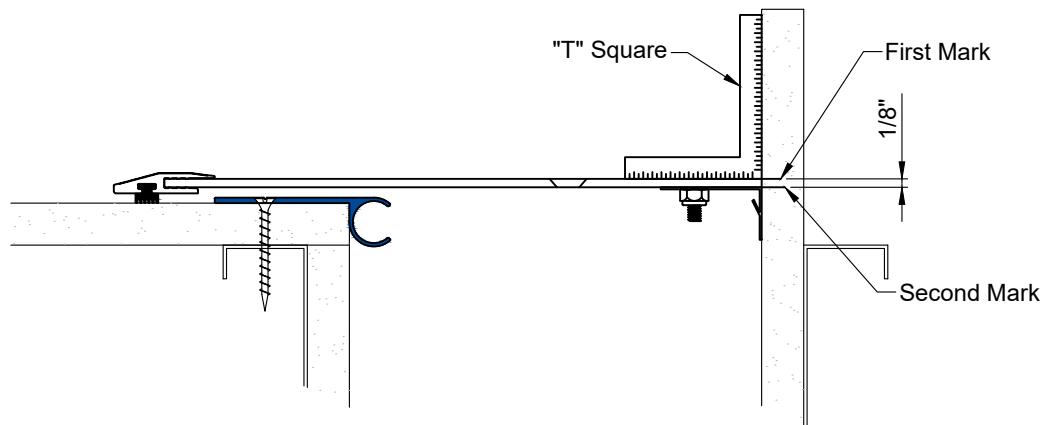
2

A) Place aluminum wall extrusion on edge of opening as shown. Utilizing supplied countersink bit drill through extrusion and drywall into stud.
B) Fasten with drywall screws (By Others) spaced at 18" o.c. maximum, start 6" from ends.
NOTE: See step 6 before installing all base members.



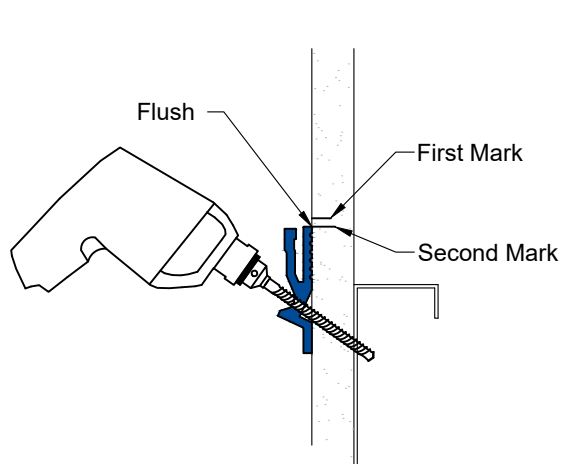
3

Slide gasket into coverplate

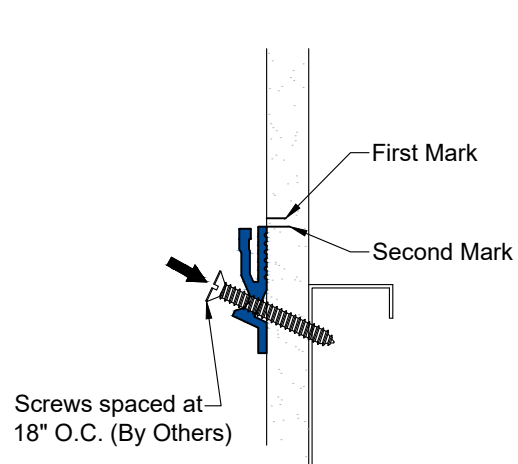


4

Position coverplate onto system as shown until gasket sits firmly against wall. Utilize a T-square to mark a line on wall flush with coverplate. Remove coverplate and make a second mark parallel to first but 1/8" into joint opening.



A)



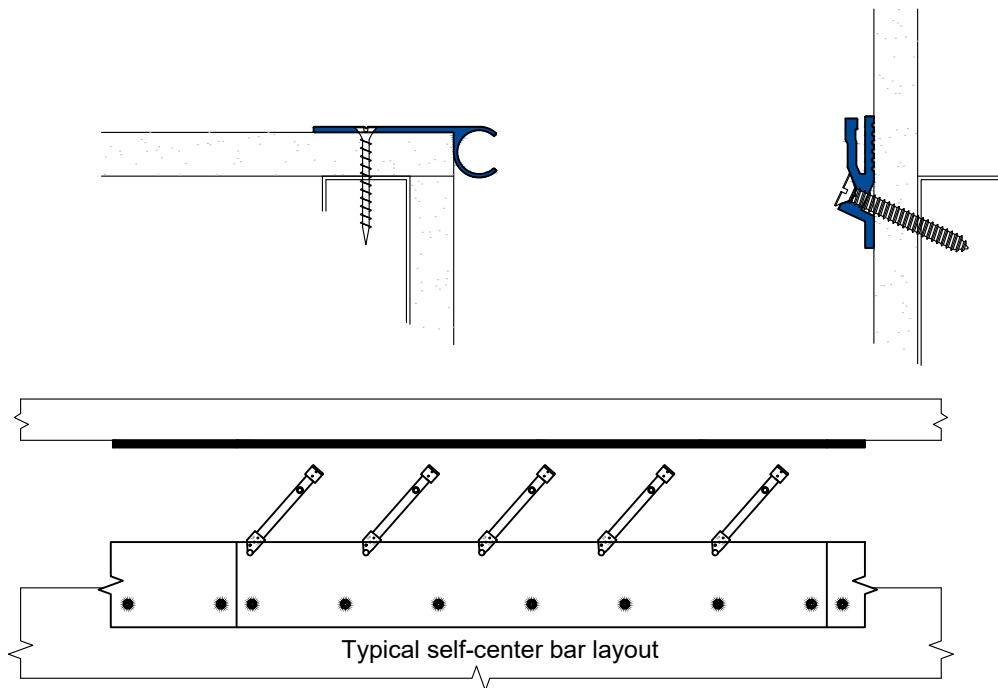
B)

5

A) Position aluminum wall extrusion flush with the second line drawn. Drill through aluminum wall extrusion into adjacent wall at 18" on center.

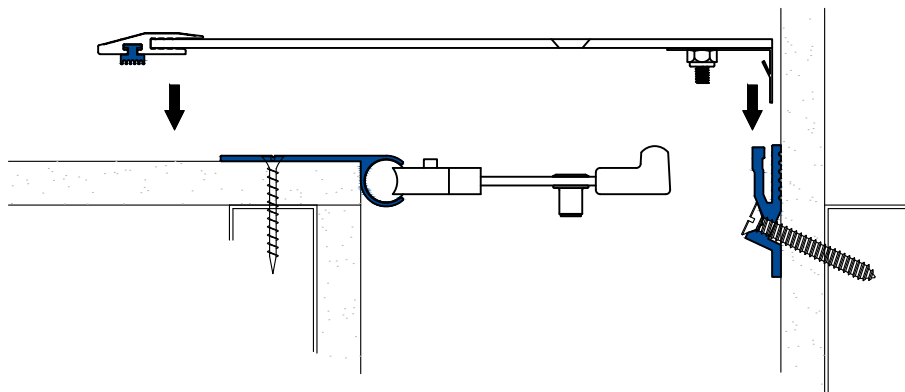
B) Fasten aluminum wall extrusion to wall with at least 1/4" x 2" screws (By Others).

Note: screw must fasten into wall stud.



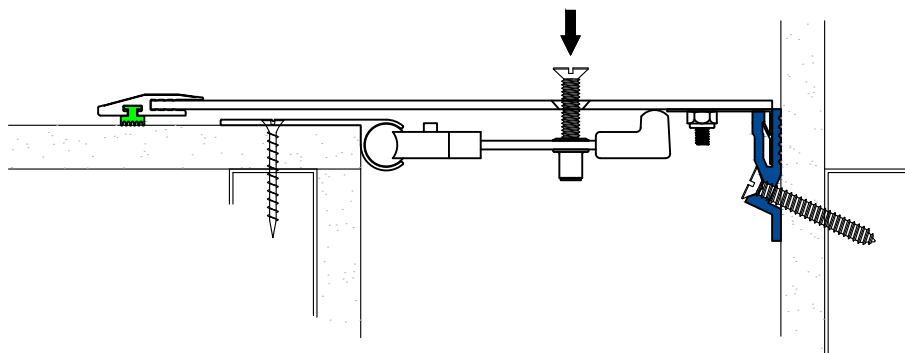
6

As you install aluminum base member sections, slide self-center bars into circular cavities. Make sure that "TOP" indicator is facing out and that all bars are in same orientation. Utilizing duct tape or something similar put a small strip on bar to hold spacing at 24" o.c.



7

Snap lock coverplate with leaf spring assembly into cavity of wall mount.



8

Center coverplate over joint opening, aligning the holes for the self-centering bars over the previously installed bars. Insert the 1/4" x 1 1/4" csk flathead machine screw through the cover into self-centering bars. Tighten to create measurable tension in bar.

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