



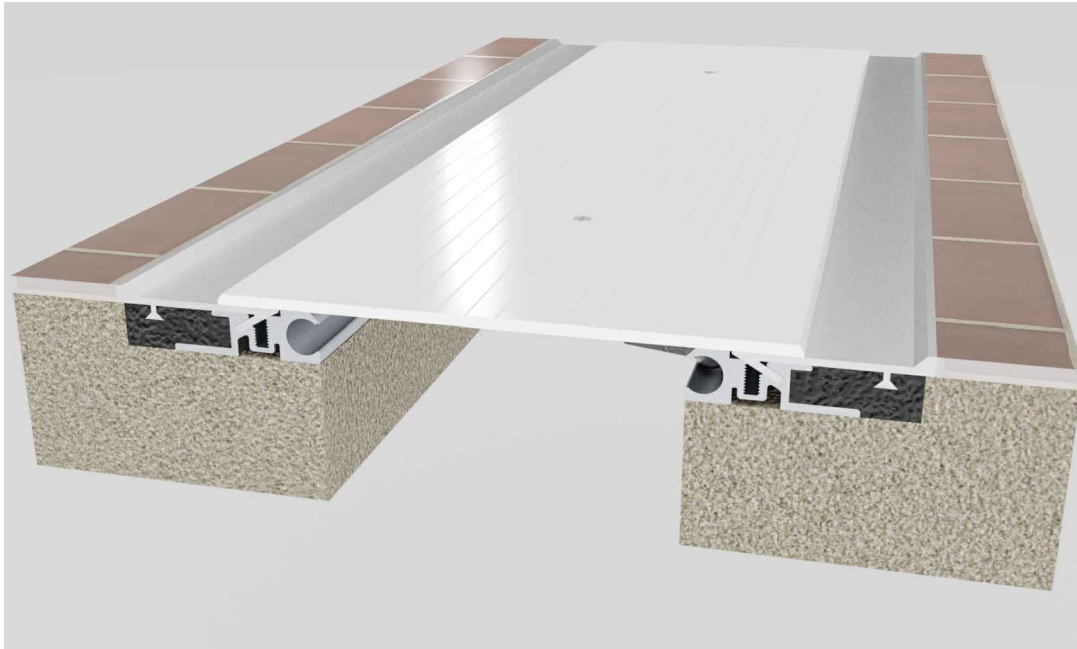
# Installation Procedure

Watson Bowman Acme Corp. 95 Pineview Drive Amherst, NY 14228

phone: (716) 691-7566 fax: (716) 691-9239

website: [www.wbacorp.com](http://www.wbacorp.com)

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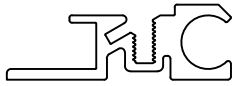


## Wabo® SeismicFloor Series Model(s) FJG-400 - 2400 Horizontal Expansion Control Systems

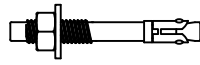
The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

- 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



Aluminum Base Assembly  
P/N: 15804



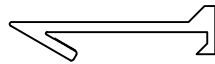
1/4" x 2-1/4" Concrete  
Anchor with Nut and Washer  
P/N 6587



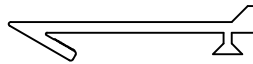
1/4" X 1 1/4" Lg Screw  
P/N: 5621

Components shown below vary in size depending on model of system

### Aluminum Extensions



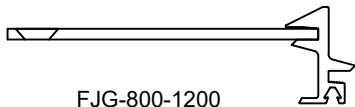
FJG 400



FJG 600



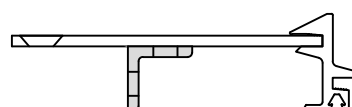
1/4" dia Countersink Screw  
@ 24" O.C. P/n 6520



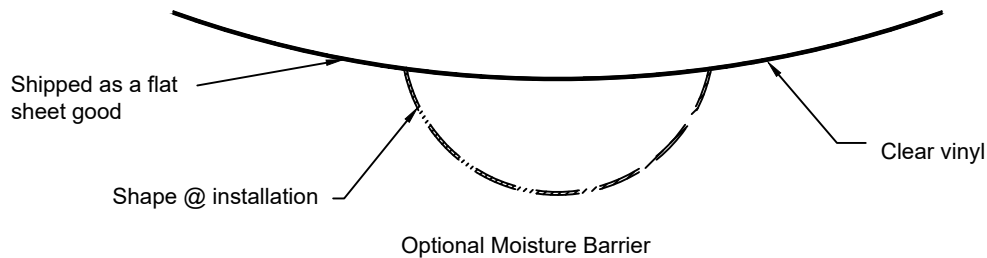
FJG-800-1200



1/4" dia Countersink Screw  
@ 24" O.C. P/n 6520



FJG-1800-2400

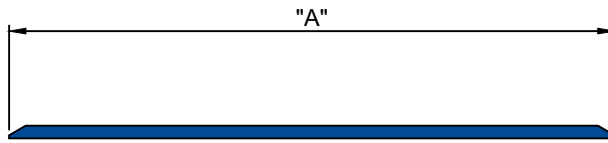


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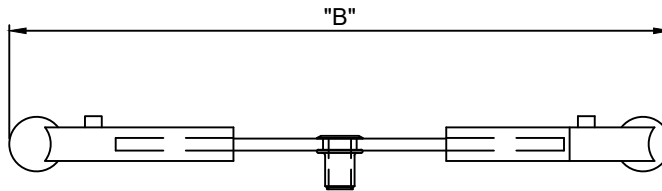
**Installation procedure: FJG-400-2400 SeismicFloor Sys.**  
Watson Bowman Acme Corp. reserves the right to amend or withdraw any information contained herein without notice and will not be responsible for any inaccuracy or ambiguity of any information contained herein.

## Standard Components



3/16" Thick Center Slide Plate  
(Refer to Chart for Part Numbers)

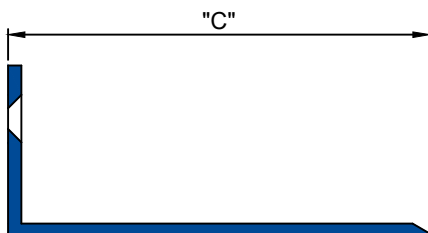
Model	P/N	"A"	Model	P/N	"A"
FJG-200	12030	3 1/2"	FJG-1000	12026	15 1/2"
FJG-400	12032	6 1/2"	FJG-1200	12027	18 1/2"
FJG-600	12033	9 1/2"	FJG-1800	12028	27 1/2"
FJG-800	12025	12 1/2"	FJG-2400	12029	36 1/2"



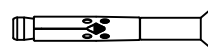
Self-centering bar  
(Refer to chart for Part Numbers)

Model	P/N	"B"	Model	P/N	"B"
FJG-200	11089	7"	FJG-1000	15630	18 3/8"
FJG-400	15642	7 3/8"	FJG-1200	15631	22 3/8"
FJG-600	15643	12 3/8"	FJG-1800	15644	32 3/8"
FJG-800	15630	18 3/8"	FJG-2400	15604	38 3/8"

Shown Below are Extra Components Needed for Floor-to-Wall Installation.

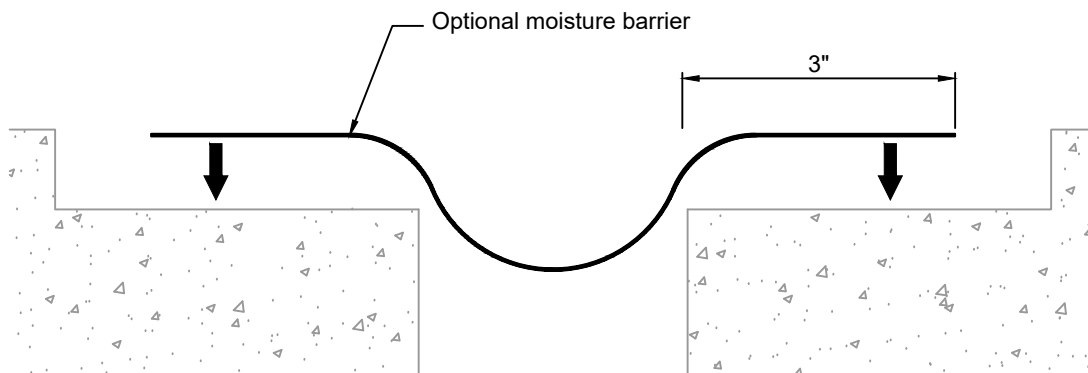


3/16" Aluminum Cover Plate

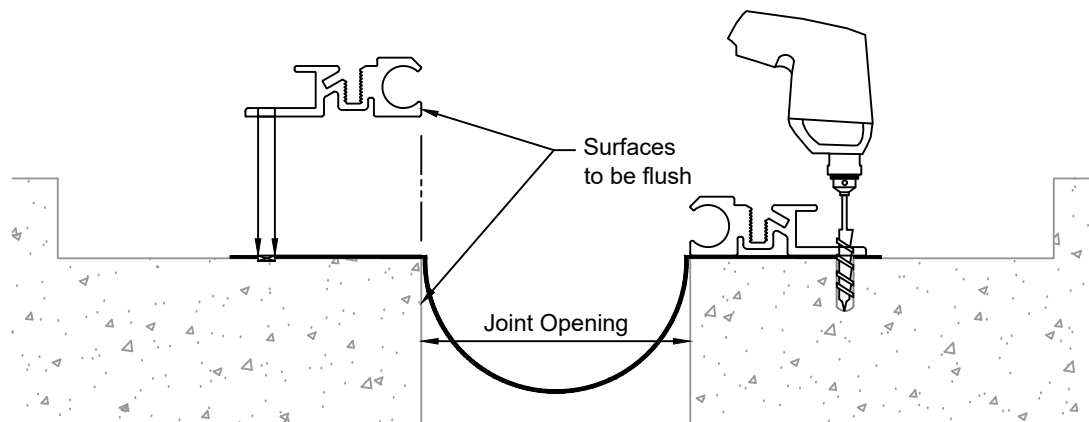


1/4" x 2" CSK Flat Head Concrete Anchor  
P/N 6913

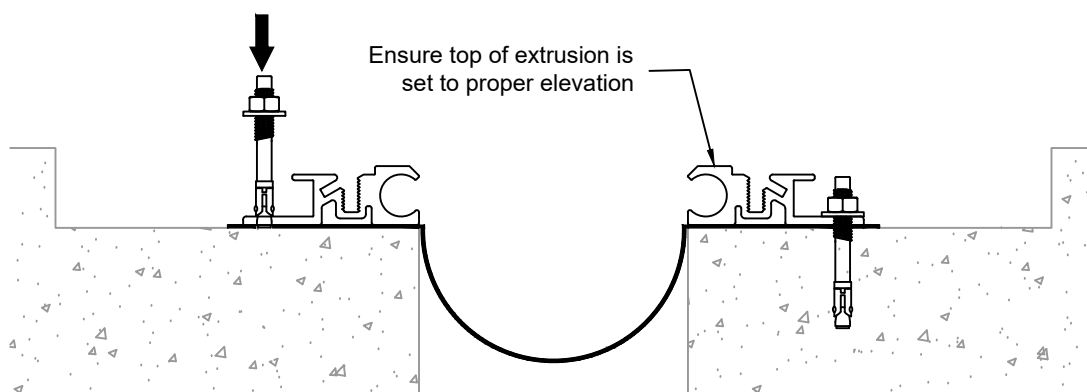
Model	P/N	"C"	Model	P/N	"C"
FJG-200C	11113	2-3/4"	FJG-1000C	12035	12-3/4"
FJG-400C	11114	5-1/4"	FJG-1200C	12036	15-1/4"
FJG-600C	11115B	7-3/4"	FJG-1800C	12037	22-3/4"
FJG-800C	12034	10-1/4"	FJG-2400C	12038	30-1/4"



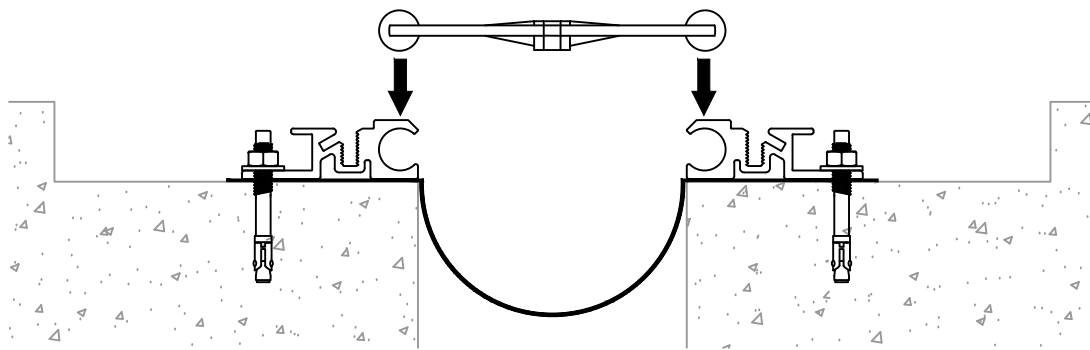
- 1** (Optional)  
Position moisture barrier in to blockout. Maintain proper overlap and temporarily affix with duct tape (if required).



- 2** Position base member on block out so cavity of base member is flush with edge of opening. Using base member as a template and with its position fixed, drill hole for 1/4" x 2-1/4" concrete anchor (P/N 6587) to proper depth. Clean out holes.

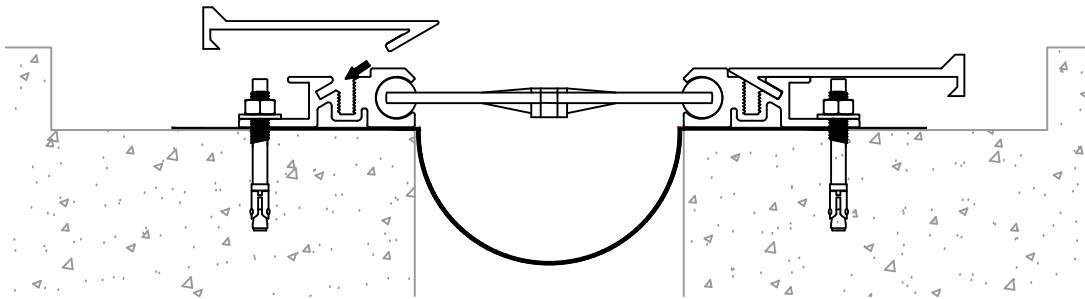


- 3** Follow hilti's recommendations for proper anchor installation. Remove all debris from moisture barrier by utilizing shop vac. Caution: do not install all base members prior to reviewing step 6.



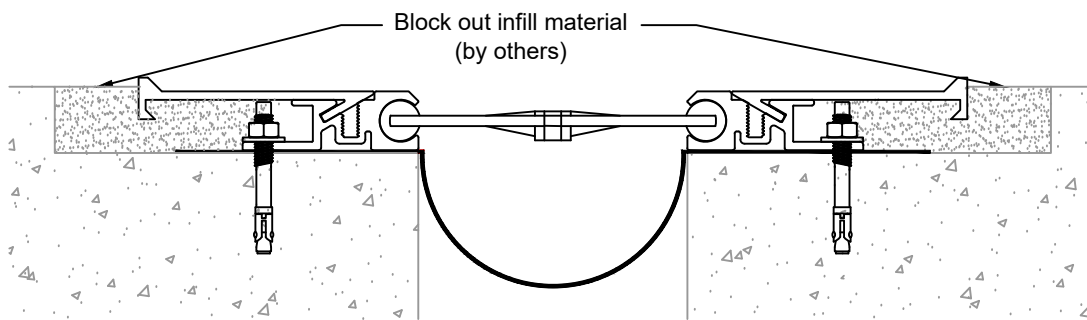
**4**

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 same orientation.



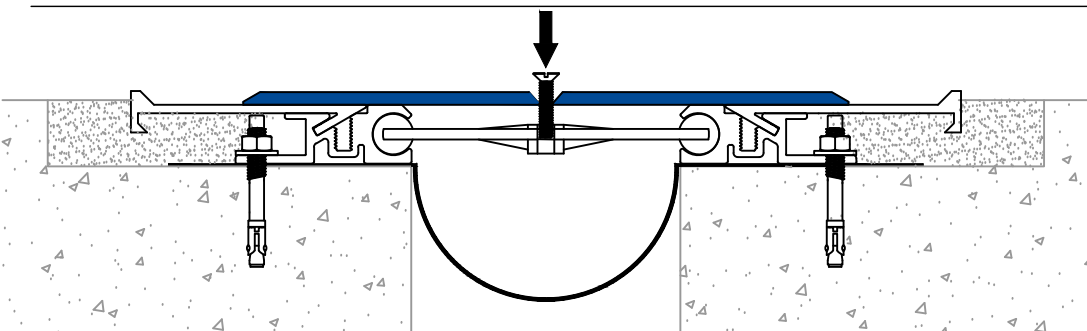
**5**

Attach aluminum extension to base member. Aluminum extension type depends on system size. Check page 1 for proper extension size.



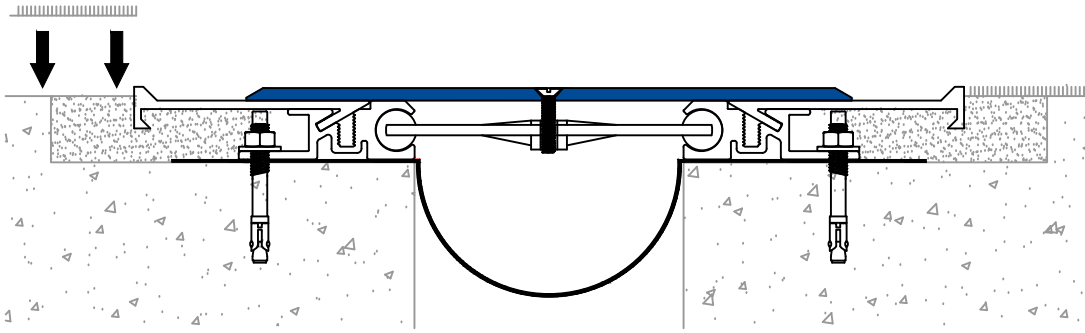
**6**

Fill block out with high quality non-shrink cementitious filler material. Protect surfaces during placement of filler material.



**7**

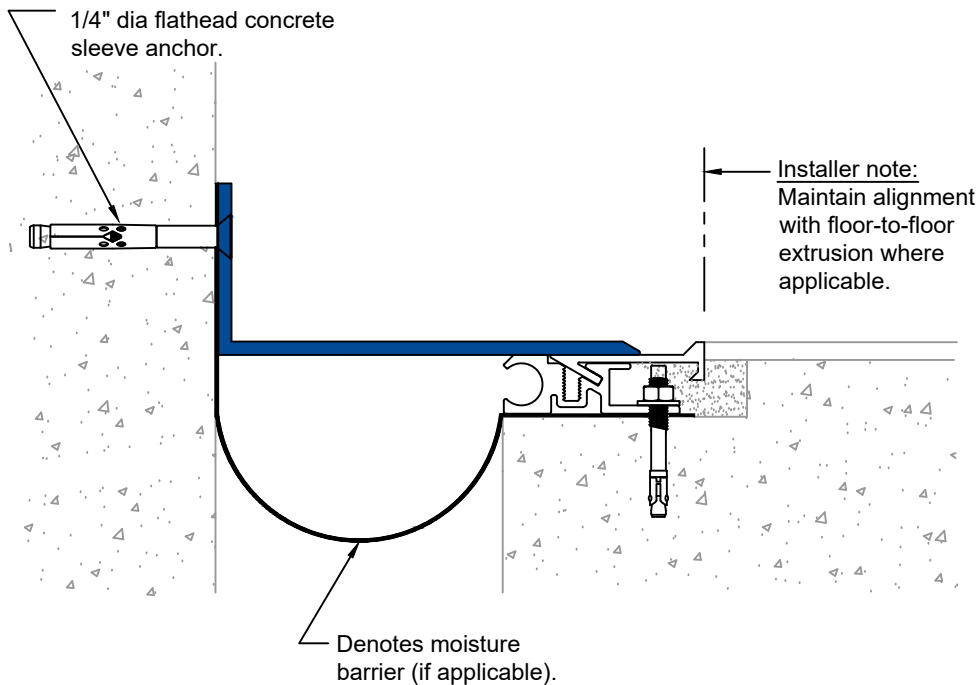
Position the center slide plate over expansion opening, align pre-drilled holes in slide plate with threaded insert in self-centering bars. Fasten with 1/4" x 1-1/4" CSK flat screw. Tighten to create measurable tension in the bar.



**8**

Install flooring material. Ensure flush installation with top of expansion joint system. Caution - contact flooring manufacturer to discuss application and procedure for proper installation.

## Floor to Wall



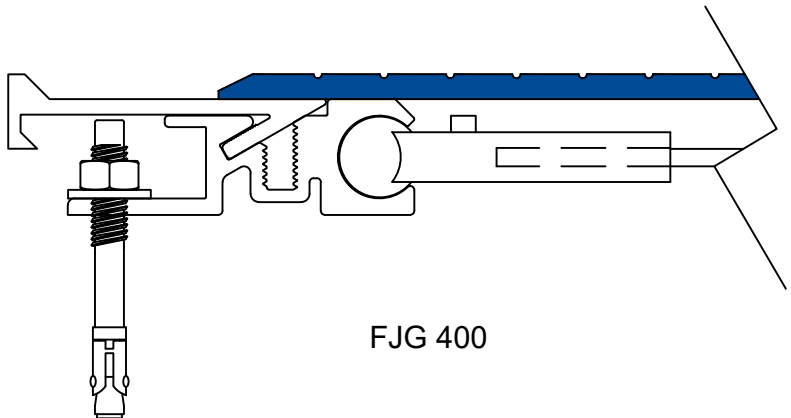
**9**

Follow the same procedure for floor-to-wall, except use cover plate for floor-to-wall condition and 1/4" CSK concrete flathead expansion anchor. Contact WBA should wall construction dictate alternate style anchor.

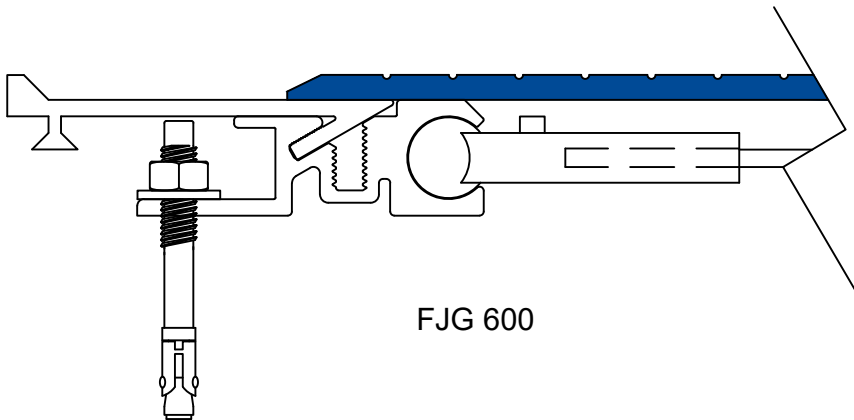
# Aluminum Extension Design

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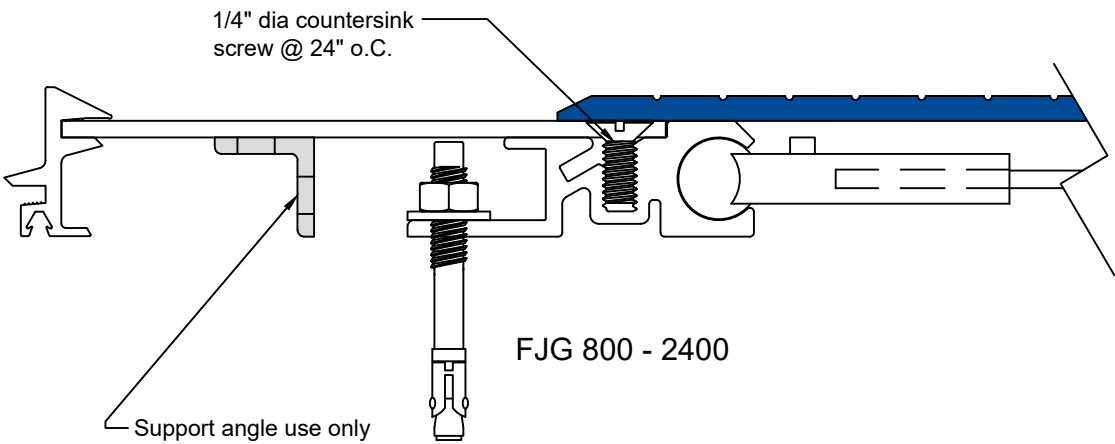
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FJG 400



FJG 600



FJG 800 - 2400

**Installation procedure: FJG-400-2400 SeismicFloor Sys.**  
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