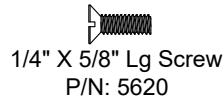
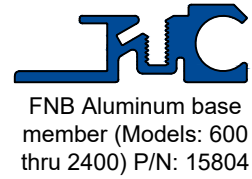
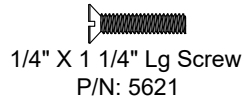
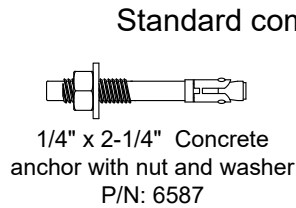
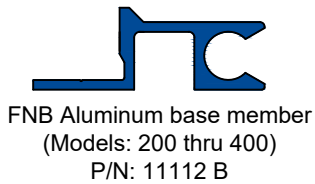


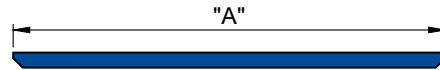
Wabo® SeismicFloor Series Model(s) FNB200 - 2400 Horizontal Expansion Control Systems Installation Procedure

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.

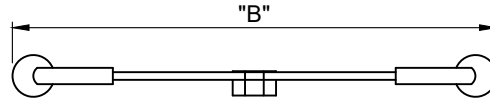
- 1) Carefully read and understand installation procedure. Contact Sika Emseal's Technical Service Department at 508-836-0280 for product assistance.
- 2) Inspect all shipments and materials for missing or damaged components and hardware upon arrival. Contact Customer Service at 508-836-0280 with Emseal's 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 Emseal shop drawings for project specific detailed information if Engineering services were provided at time of order.



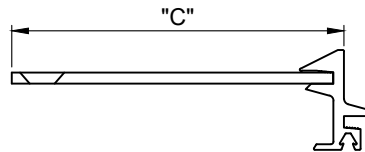
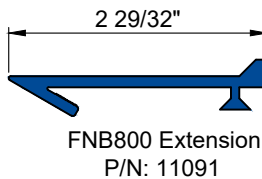
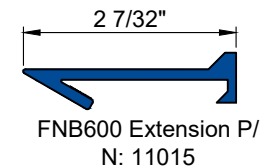
Components shown below vary in size depending on model of system



| Aluminum Cover Plate | | | | | |
|----------------------|---------|-------------|---------|---------|-------------|
| Model | "A" | Part Number | Model | "A" | Part Number |
| FNB200 | 4 7/8" | 12150 | FNB1000 | 16 5/8" | 12154 |
| FNB400 | 6 7/8" | 12151 | FNB1200 | 19 5/8" | 12155 |
| FNB600 | 10 3/4" | 12152 | FNB1800 | 29" | 12156 |
| FNB800 | 14 1/4" | 12153 | FNB2400 | 36" | 12157 |



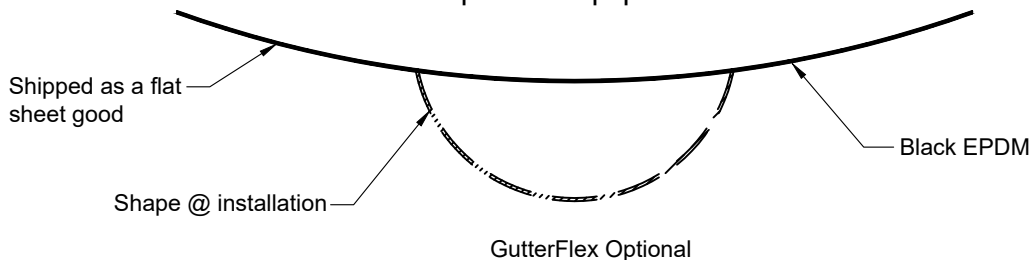
| Self-Centering Bar | | | | | |
|--------------------|---------|-------------|---------|---------|-------------|
| Model | "B" | Part Number | Model | "B" | Part Number |
| FNB200 | 7" | 11089 | FNB1000 | 18 3/8" | 15630 |
| FNB400 | 12 3/8" | 15643 | FNB1200 | 22 3/8" | 15631 |
| FNB600 | 12 3/8" | 15643 | FNB1800 | 32 3/8" | 15644 |
| FNB800 | 18 3/8" | 15630 | FNB2400 | 38 3/8" | 15604 |



| Model | "C" | Part Number | Model | "C" | Part Number |
|---------|--------|-------------|---------|----------|-------------|
| FNB1000 | 3 1/4" | 12040 | FNB1800 | 5 7/16" | 12170 |
| FNB1200 | 3 3/4" | 12041 | FNB2400 | 5 15/16" | 12171 |

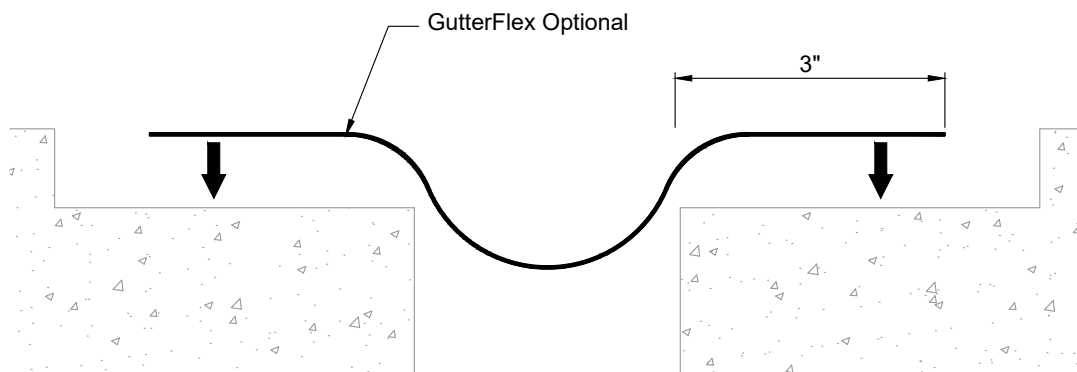
See Sheet 4 for Aluminum
Extension Design Configurations

Optional Equipment



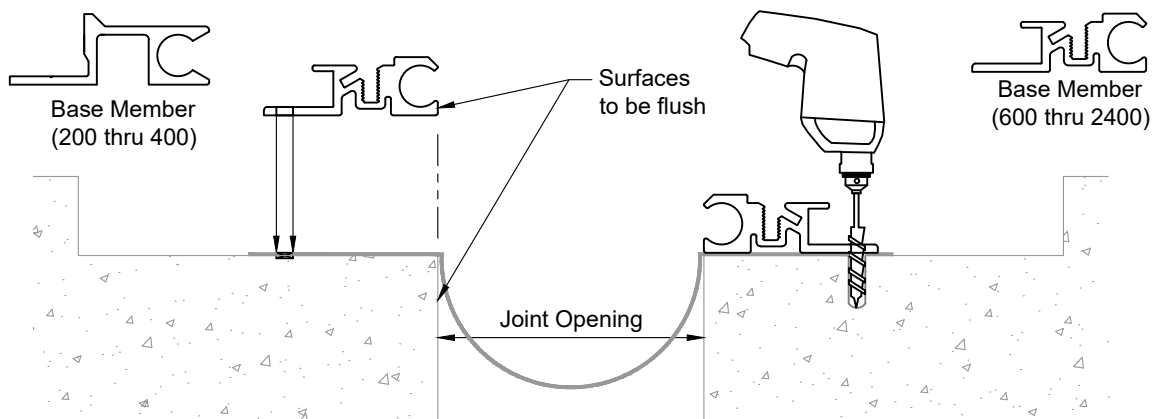
BUILDING TRUST





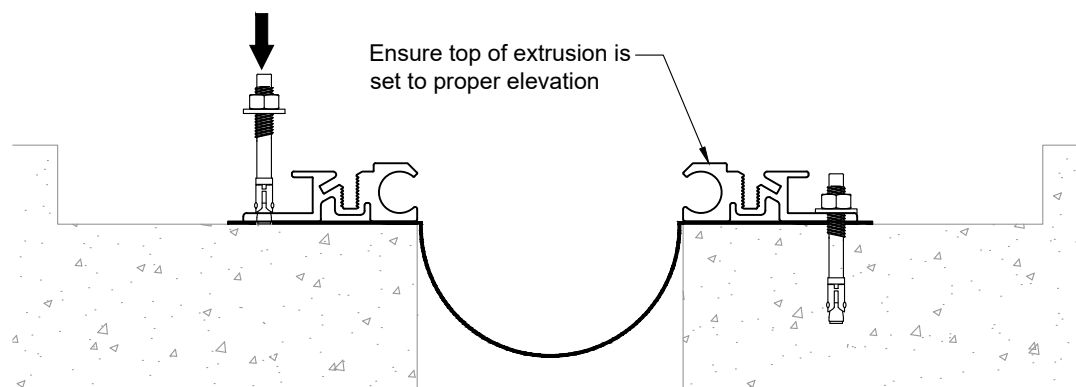
1

(Optional)
Position GutterFlex in to blockout. Maintain proper overlap and temporarily affix with duct tape (if required).



2

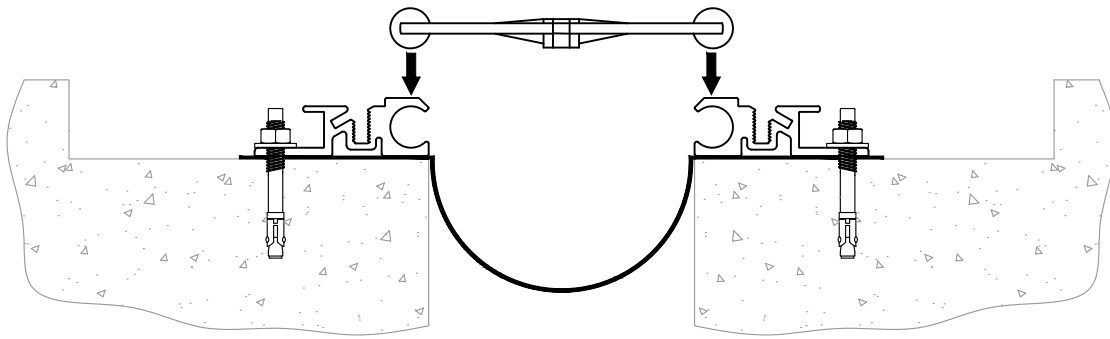
Position base member on block out so cavity of base member is flush with edge of opening. Using base member as a template and with its position fixed, drill hole for 1/4" x 2-1/4" concrete anchor (P/N 6587) to proper depth. Clean out holes.



3

Follow Hilti's recommendations for proper anchor installation. Remove all debris from GutterFlex by utilizing shop vac.

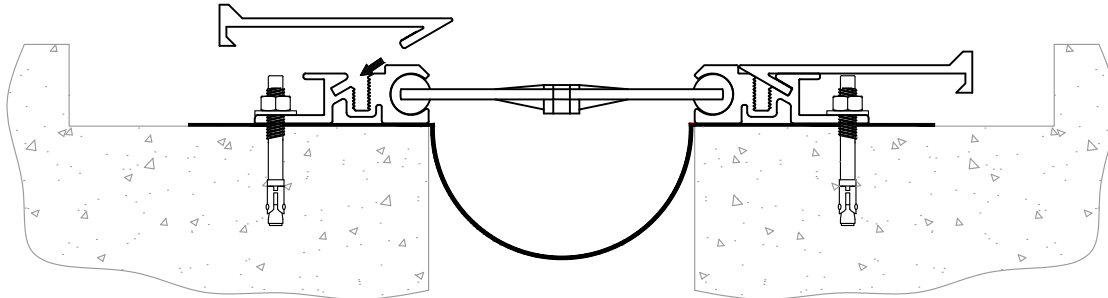
Caution: Do not install all base members prior to reviewing step 6.



4

As work progresses with placement of base members, install self-centering bars by sliding the spherical ends of the bars into the ends of the base members through the circular cavities. Set at an approximate spacing of 24" O.C.

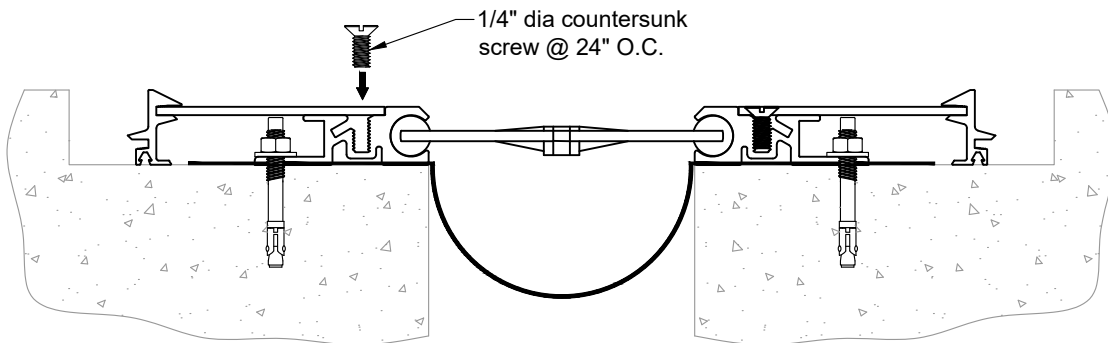
IMPORTANT: Ensure that the "top" indicator is facing up and that all bars are in same orientation.



5A

(FNB600 thru FNB800)

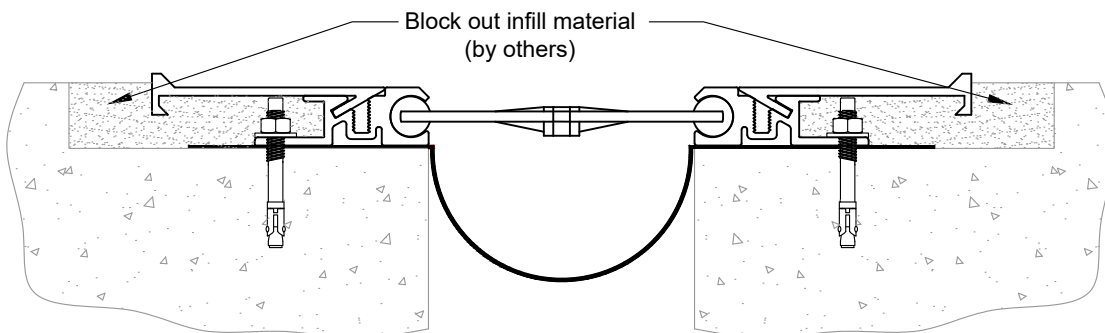
Attach aluminum extension to base member. Aluminum extension type depends on system size. Check page 1 for proper extension size.



5B

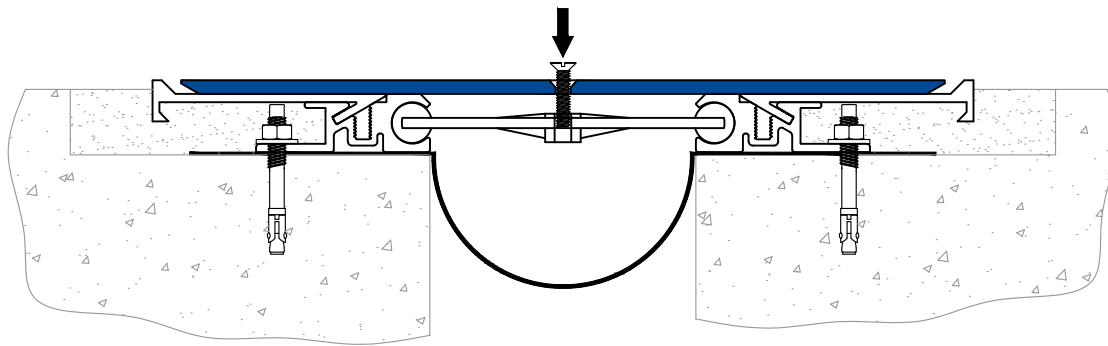
(FNB1000 thru FNB2400)

Attach aluminum extensions to base member. Utilizing the 1/4" Dia x 5/8" lg screw (P/N 5620), fasten extension wing to the top of the Aluminum Base Member at the pre-drilled locations in the extension wing.

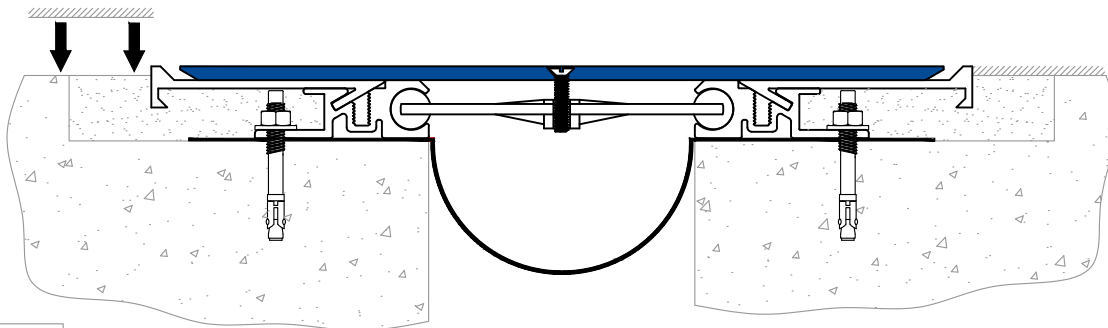


6

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

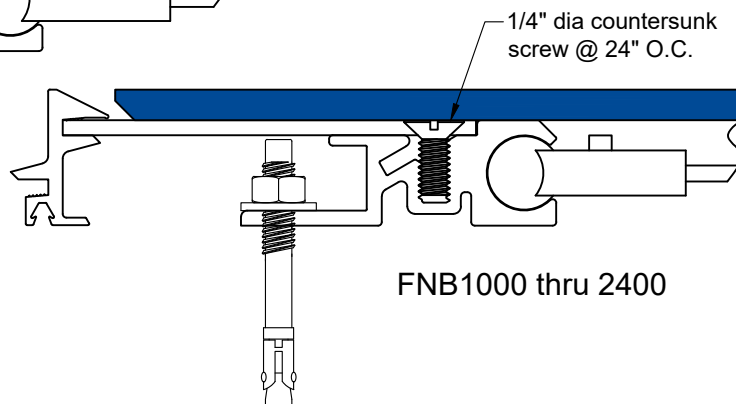
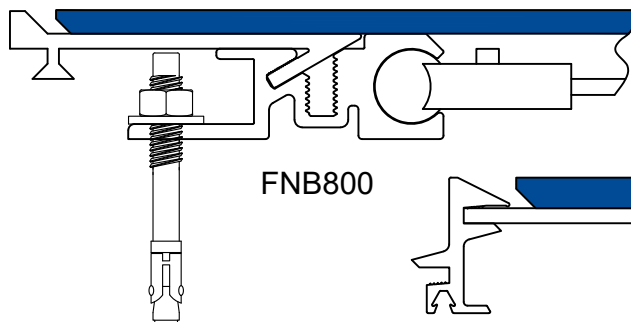
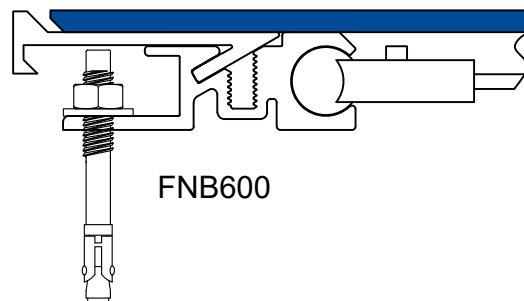
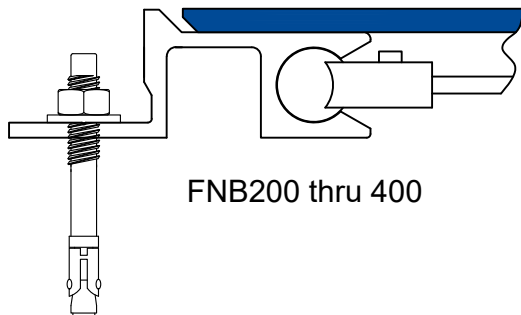


- 7** Position the aluminum coverplate over expansion opening, align pre-drilled holes in coverplate with threaded insert in self-centering bars. Fasten with 1/4" x 1-1/4" lg flat screw (P/N 5621). Tighten to create measurable tension in the bar.



- 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.

Aluminum Extension Design



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