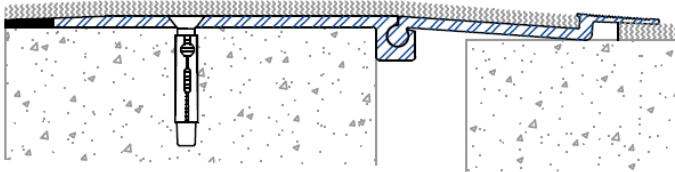
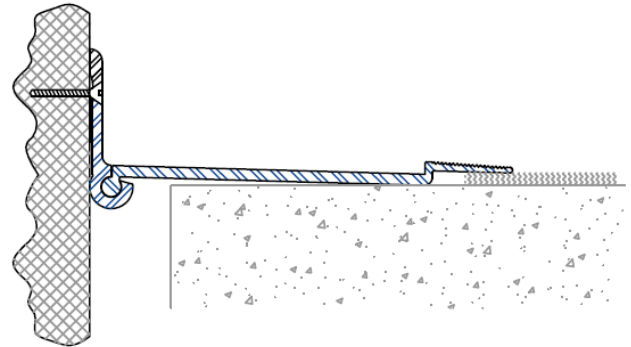


# Installation Procedure

Last Updated: October 2018



Model - FJH Floor Condition  
See Sheets: 1-4 For  
Installation of System



Model - FJH Corner Condition  
See Sheets: 4-6 For  
Installation of System

## Wabo®HingeMount “FJH” & “FJH Corner” Interior and Exterior 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:

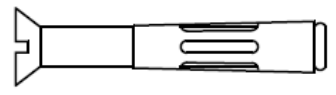
- Proper work clothing
- Safety glasses
- Safety boots
- Gloves
- Hard hat



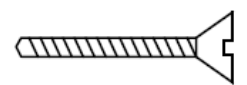
Local rules and regulations regarding safe work environments and health should be followed.

# Product Components

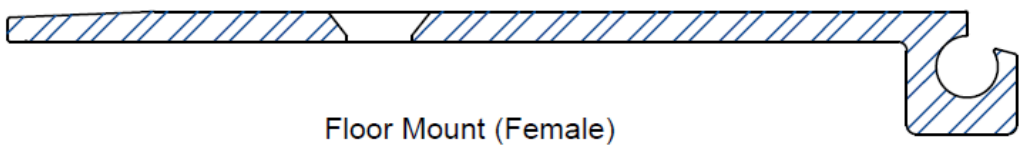
The following components are required for the installation of this product:



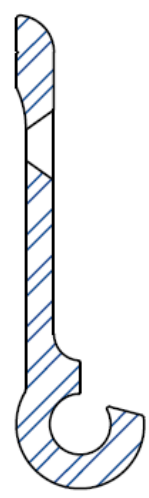
Floor Mount Anchor  
(Varies according to job specifications)



\* 1/4"Ø Wall Mount Anchor  
(Varies according to job specifications, by installing contractor)



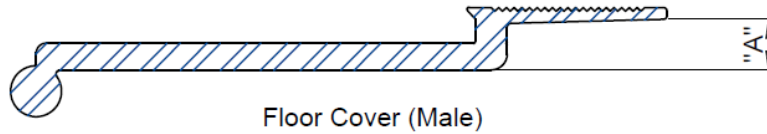
Floor Mount (Female)



\* Wall Mount (Female)

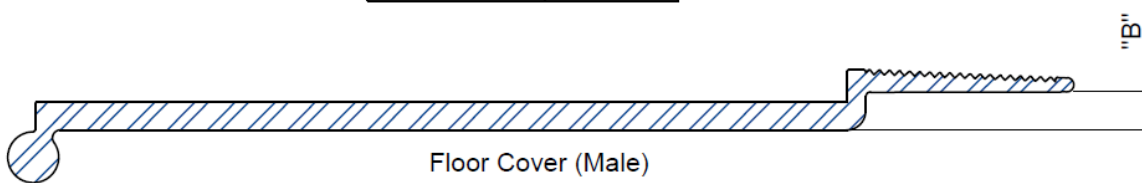
\* = Components required for corner condition installation

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



Aluminum Slide Plate

Dimensional Chart	
Model	"A"
FJH-200.125	1/8"
FJH-200.250	1/4"
FJH-200.375	3/8"

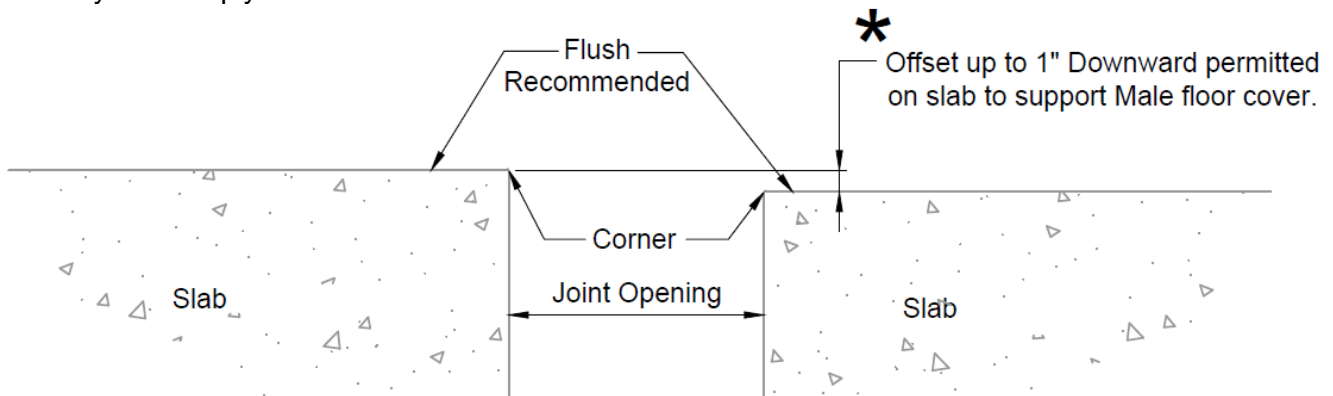


Dimensional Chart	
Model	"A"
FJH-200.125C	1/8"
FJH-200.250C	1/4"
FJH-200.375C	3/8"

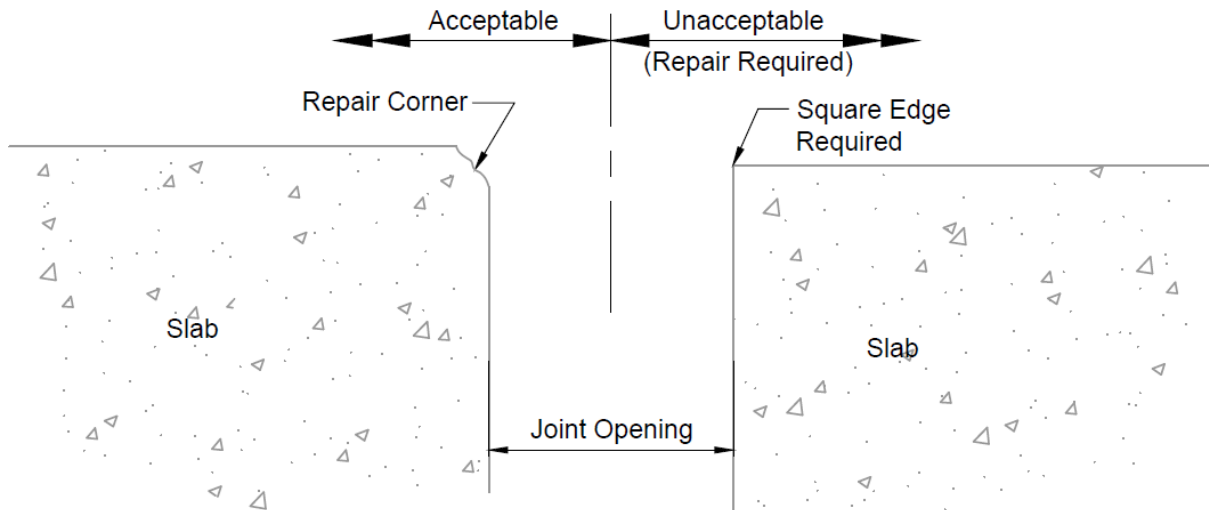
## Installation Procedure For Floor Condition

- 1 Floor** - Prior to beginning work, installer shall inspect corners of concrete slab for acceptability. For repair (if required) refer to step 2. Measure joint opening for proper size as called for on W.B.A. shop drawings or CAD detail.

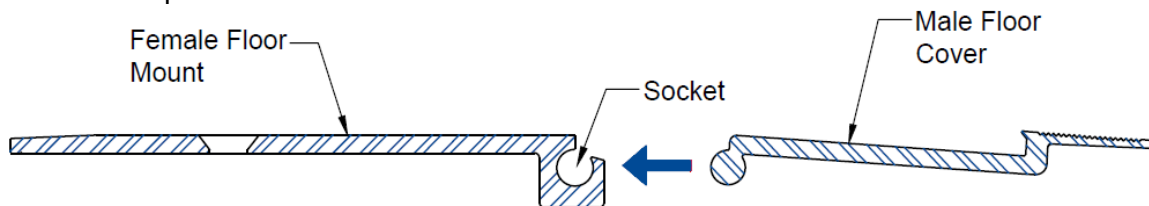
\*Note: May not comply with current ADA Guidelines.



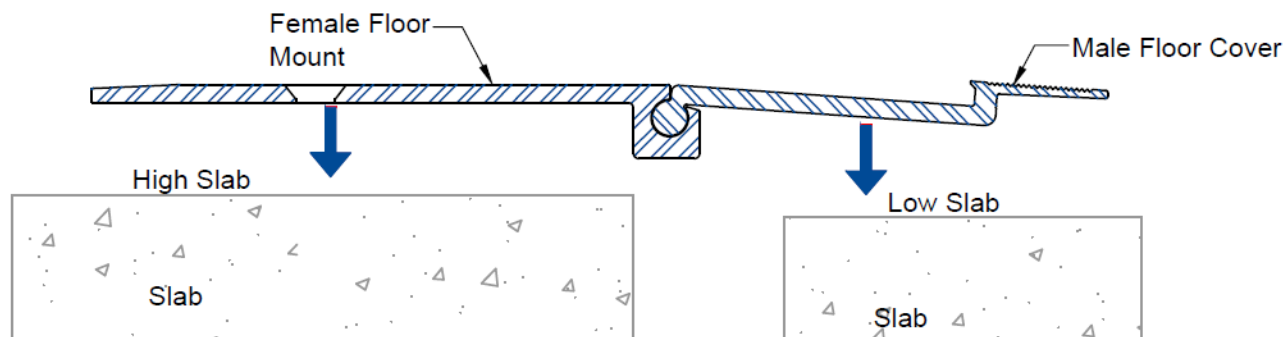
- 2** Utilizing concrete repair material, repair corner of concrete slab following manufacturer's written instructions.



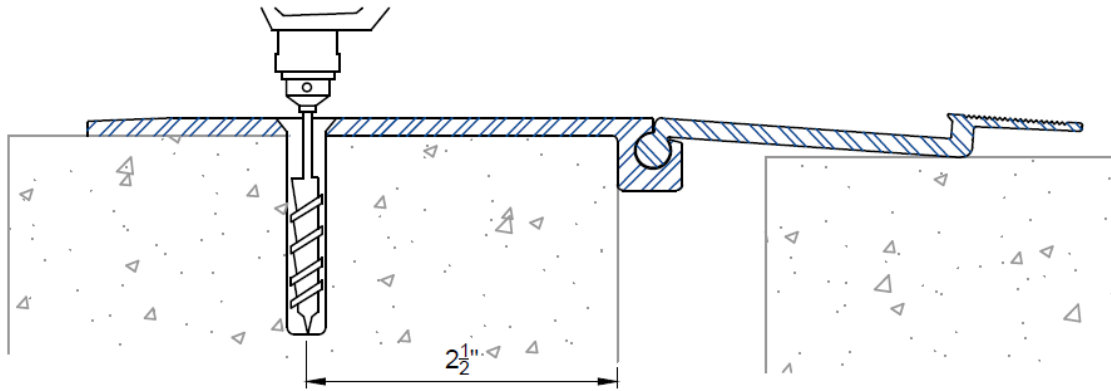
- 3** Assemble system by sliding male floor cover into female floor mount socket.  
**Note:** When assembling the two halves together, WD40 should be used as a lubricant. If necessary, you may need to use a hammer to assemble. When using a hammer, utilize wood blocking to avoid damage to aluminum profiles.



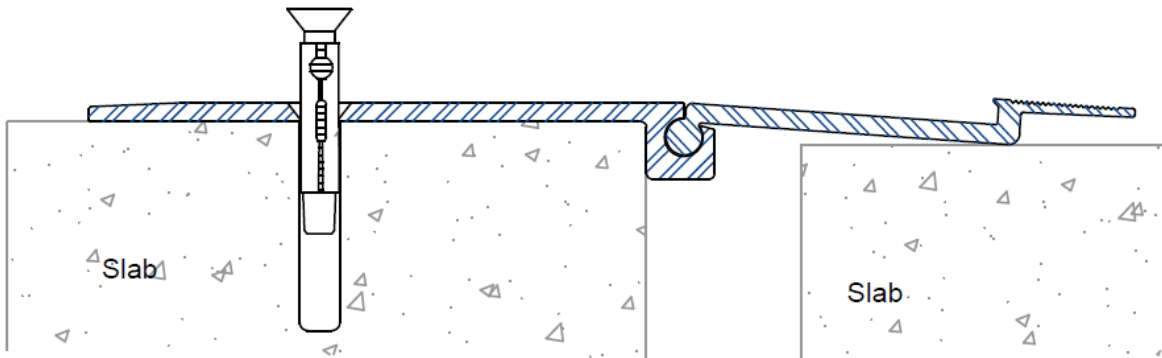
- 4** Ensure that the slab's surface is smooth. High spots should be ground down and low spots filled in. Make sure slab is clean by sweeping and/or vacuuming.  
**Note:** Cut and fit expansion joints to required length. If installing more than one piece, lay out entire run to ensure proper alignment. Make sure female floor mount is mounted against inside wall of opening. Also, if a vertical offset exists, the female floor mount should always be mounted on the high slab.



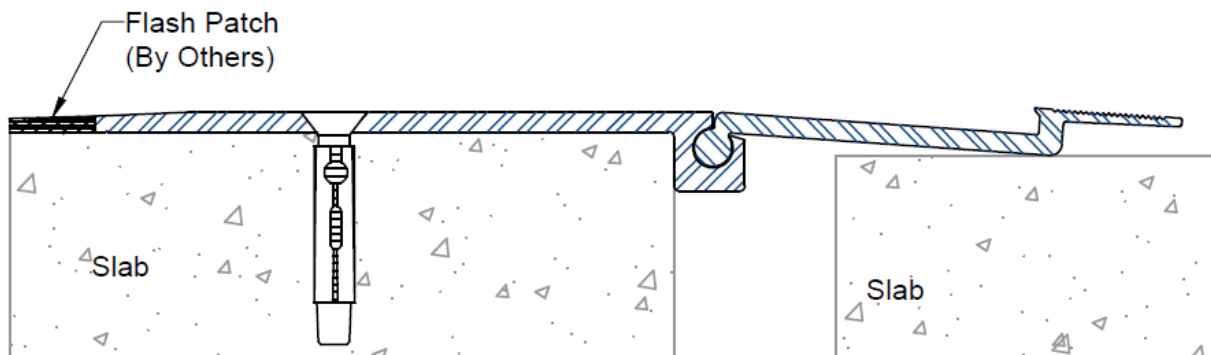
- 5** Drill end holes first; this ensures the expansion joint will not move and alignment with other joints is obtained. Follow anchor manufacturer's recommendations for drilling operation. Drill holes to proper depth and clean out holes.



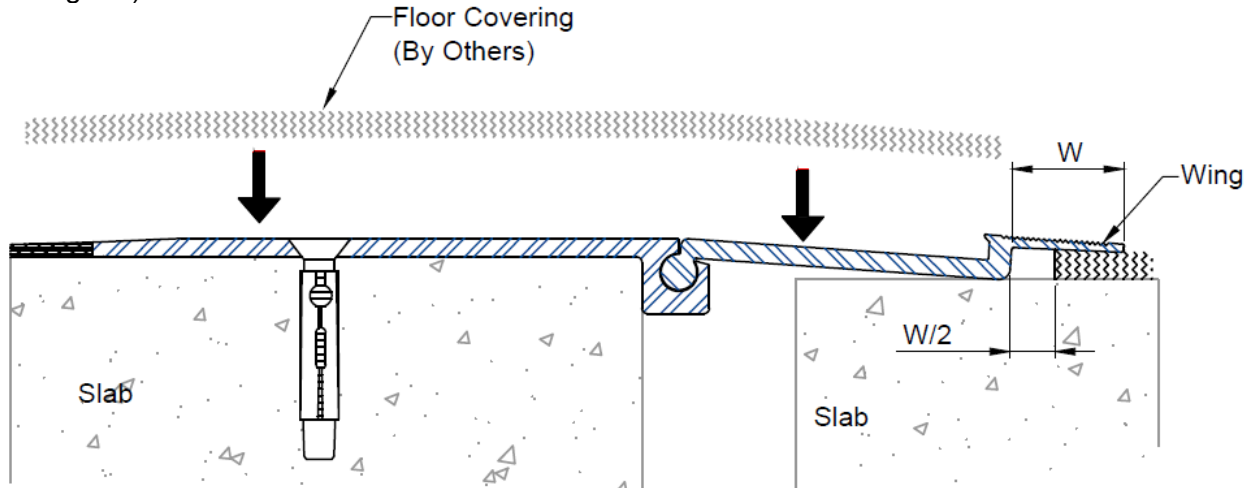
- 6** Follow anchor manufacturer's recommendations for proper anchor installation. Once anchors are installed in the end holes, drill remaining holes and install remaining anchors.



- 7** Flash patch on the female side (anchored side) and feather back 2-3 ft. to ensure a smooth transition.

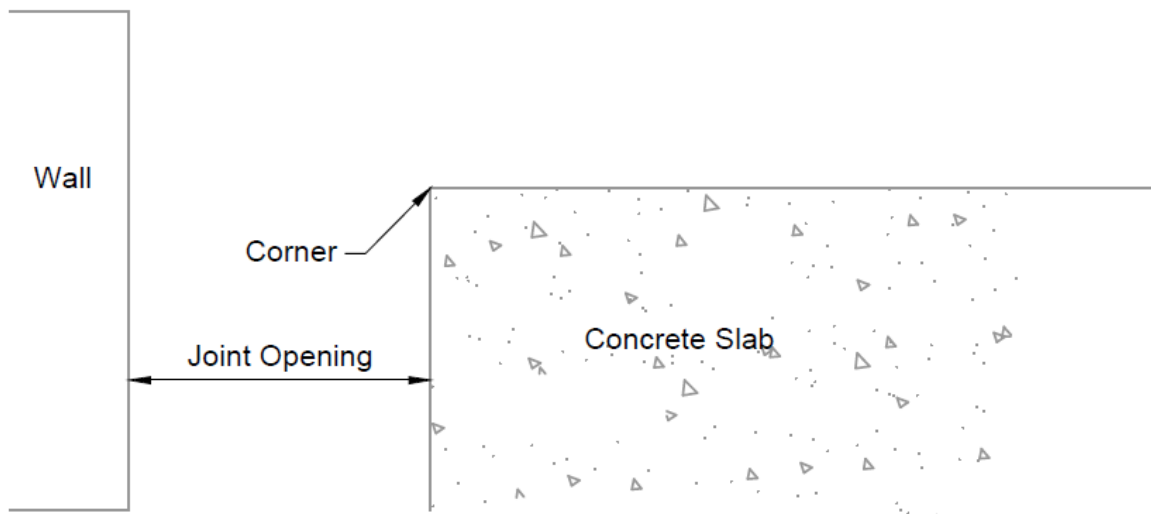


- 8** Cut in floor covering, make sure it abuts tightly to the inside edge of the wing. On the unsecured side, the flooring should lay in halfway under the wing, allowing for movement (note open space in diagram).

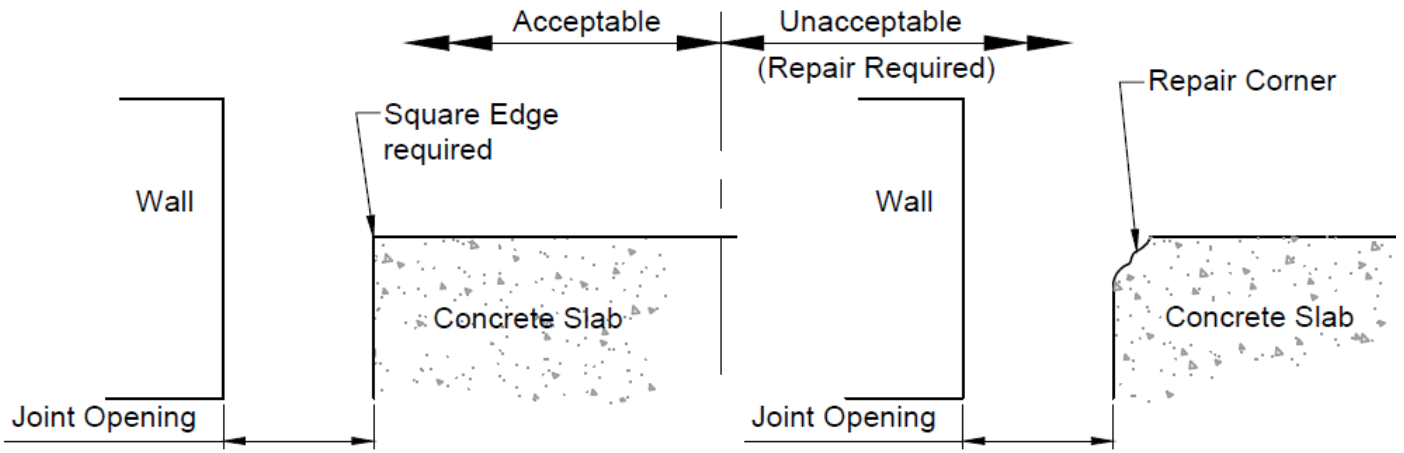


## Installation Procedure For Corner Condition

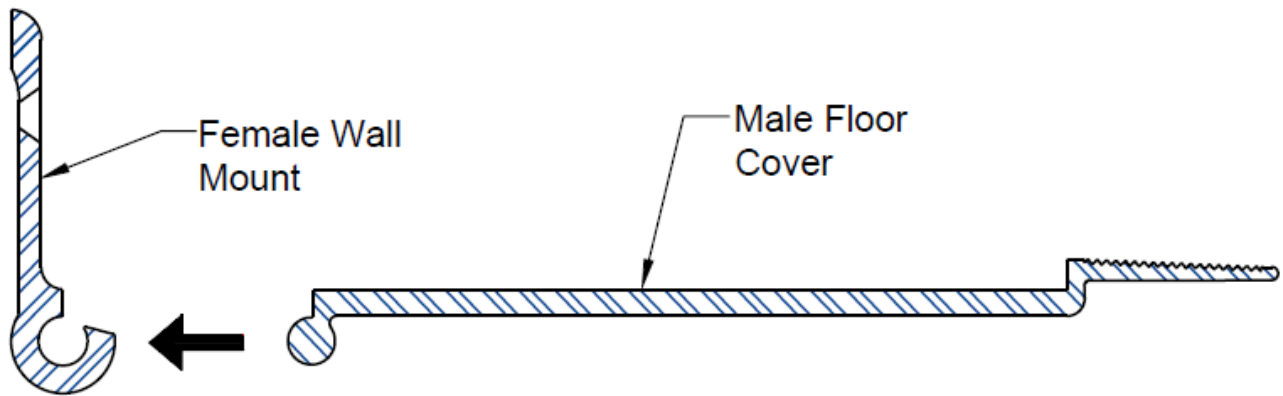
- 1** **Corner** - Prior to beginning work, installer shall inspect corners of concrete slab for acceptability. For repair (if required), refer to step 2. Measure joint opening for proper size as called for on W.B.A. shop drawings or CAD detail.



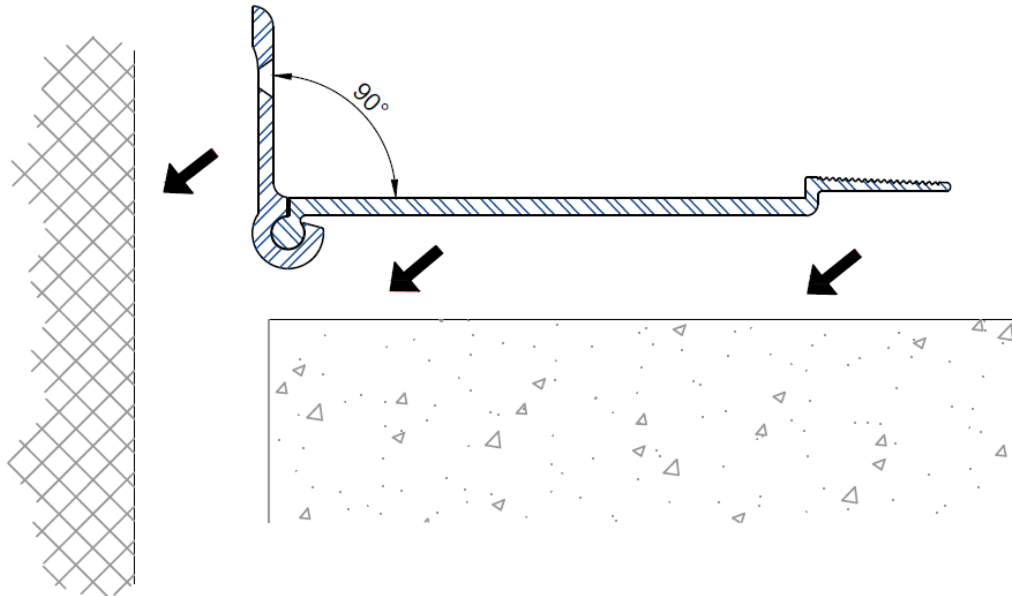
- 2** Utilizing concrete repair material, repair corner of concrete slab, following manufacturer's written instructions.



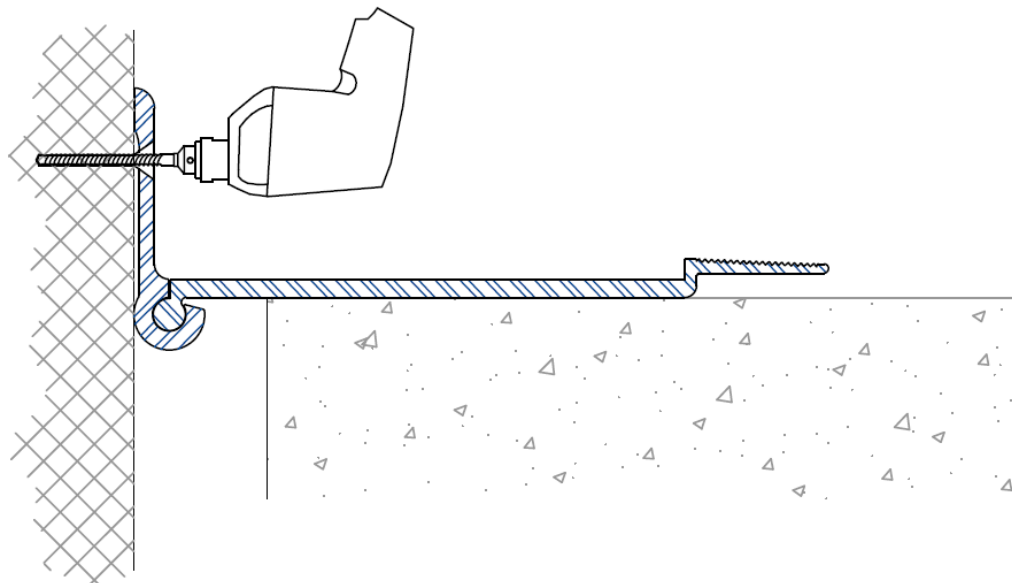
- 3** Assemble system by sliding male floor cover into wall mount socket.  
**Note:** When assembling the two halves together, WD40 should be used as a lubricant. If necessary, you may need to use a hammer to assemble. When using a hammer, utilize wood blocking to avoid damage to aluminum profiles.



- 4** Ensure that the slab is smooth. High spots should be ground down and low spots filled in. Make sure slab is clean by sweeping and/or vacuuming.  
**Note:** Cut and fit expansion joints to required length. If installing more than one piece, lay out entire run to ensure proper alignment. Install expansion joint with a 90° angle. Slide expansion joint on slab until the female wall mount is abutted with the wall.

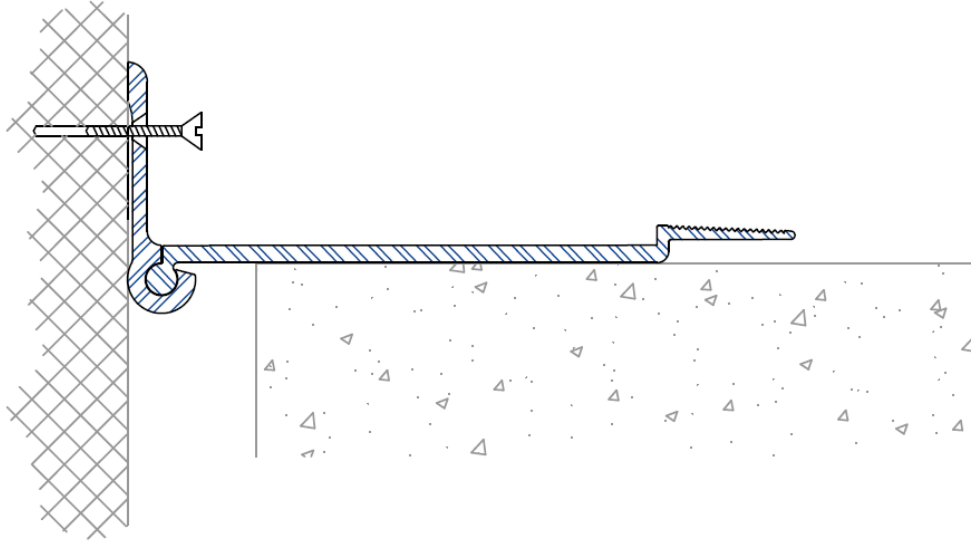


- 5** Drill holes at ends first. This ensures that the expansion joint will not move and alignment with other joints is obtained. Follow anchor manufacturer's recommendations for drilling operation. Drill holes to proper depth and clean out holes.

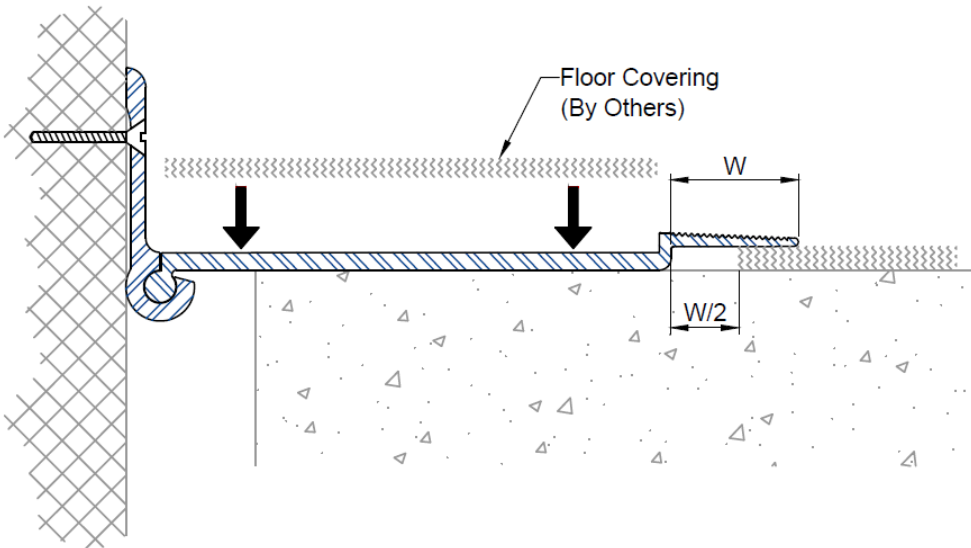




- 6** Follow anchor manufacturer's recommendations for proper anchor installation. Once anchors are installed in the end holes, drill remaining holes and install remaining anchors.



- 7** Cut in floor covering, make sure it abuts tightly to the edge of the wing on the male plate. The floor covering should extend only halfway under the wing (note open space in diagram).





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