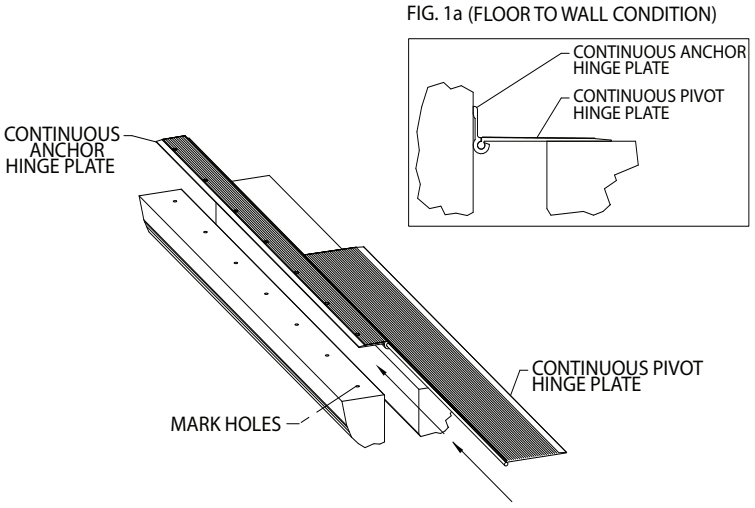
Installation Instructions

Joint System: 806/806SD-A01/ A02

Note: Verify that the structural gap is in conformance with submittal data before beginning installation. If this is a Fire Rated Assembly, install the fire barrier before the Architectural Joint System. Refer to the fire barrier instructions for specific system installation.
For installations subject to non-conditioned applications, a thermal gap is required between the end-to-end connections of the frames and covers. When installing in warm conditions (ie- 75F / 22C or greater), the covers can abut eachother directly, however during cooler weather installs (70F / 21C or less), the recommended gap width between frames and covers is 1/8" (3mm) min. Prior to installing the next frame in sequence, apply polyurethane sealant (By Others) to the end of the frame / cover before seating the next profile.

Fig 1



1. Install the architectural joint system on a level finished floor. This may require adding epoxy leveling compound on top of the substrate to provide a smooth mounting surface.

Figure 1

2. Cut the aluminum plates to the desired length.

* Pro-tip- Using a small file or sandpaper chamfer the leading edge of the hinge and receiving frame to facilitate sliding the profiles together. Wipe down the extrusions to remove any burs & lubricate the channel with WD-40 or silicone spray.

Slide the pivoting half of the hinge plate into the anchored half of the hinge plate.

3. Place the plate assembly over the structural gap.

   3a. For floor to floor (A01) condition, plate should be placed such that the knucle of the hinge is tight against the throat of the join. See Figure3.

   3b. For floor to wall (A02) condition, short leg (predrilled hole side) should be placed firmly against the finished wall. Align level with the finished floor. See Figure 1a.

4. Mark the pre-drilled hole locations on the substrate.

5. Remove the plate assembly.

Fig 1a

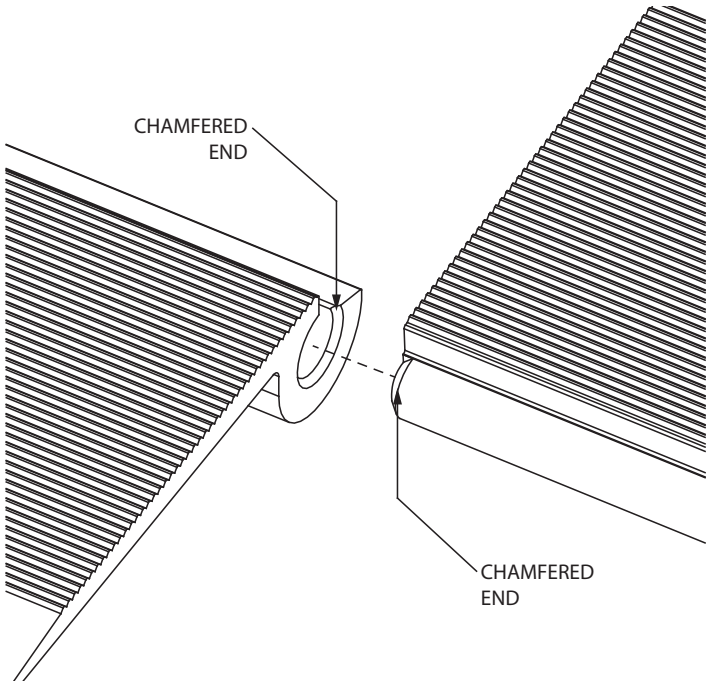


Fig 1b

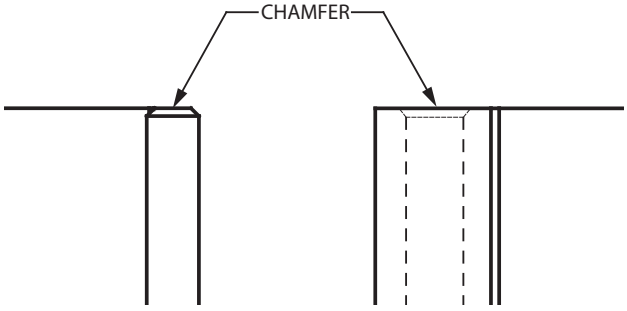


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Fig 2

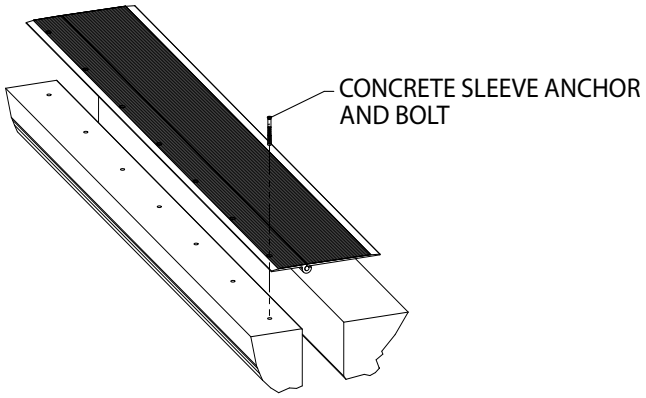

FIG. 3
(806-A01 COMPLETE INSTALLATION)

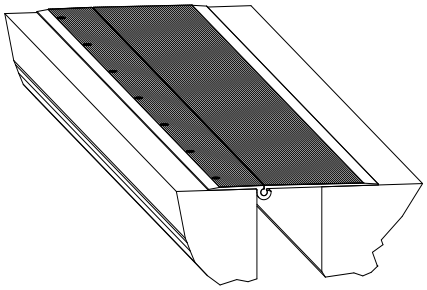

FIG. 3a
(806-A02 COMPLETE INSTALLATION)

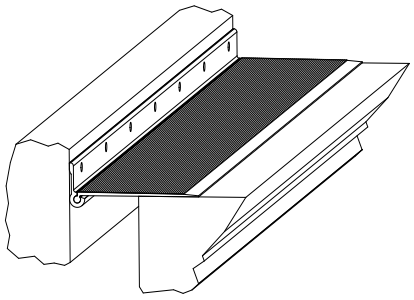

Figure 2

6. For systems -050 thru -150: Drill all marked holes on the substrate using a 1/4" (6 mm) drill bit and drill 2 ¼" (58mm) deep.

   For systems -200 and -300: Drill all marks holes on the substrate using a 3/8" (9.5mm) drill bit and drill 2 1/2" (64mm) deep. Insert concrete sleeve anchors.

7. For 806SD and exterior 806 systems -200 thru -300: Drill all marked holes on the substrate using a 3/8" (9.5mm) drill bit and drill 4" (102mm) deep. Insert concrete sleeve anchors.

8. Return the plates into position over the drilled hole locations and secure in place with one flat head screw for each anchor.

Figure 3 & 3a

9. Clean the exposed surfaces with a non-solvent cleaner, such as 409, as required.