

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.

Fig 1

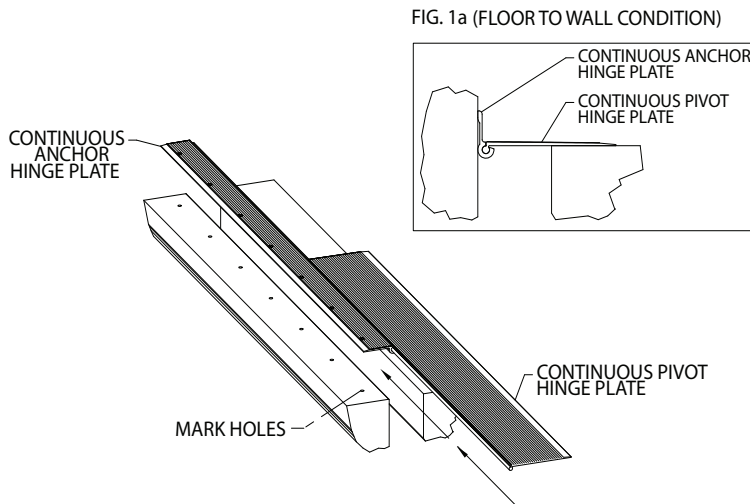
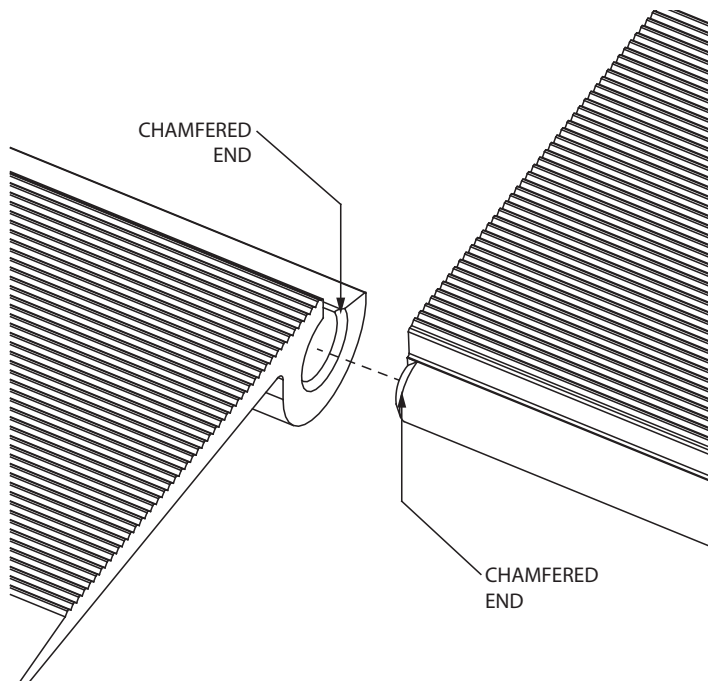


Fig 1a



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

Note: For installations exposed to significant daily or seasonal temperature changes, leave a gap between the adjoining buttends, this gap allows for thermal lengthening of the extrusions. The recommended gap for extrusions 10' 0" (3.05m) long or less is 1/8" (3mm)

2. Cut the aluminum plates to the desired length.

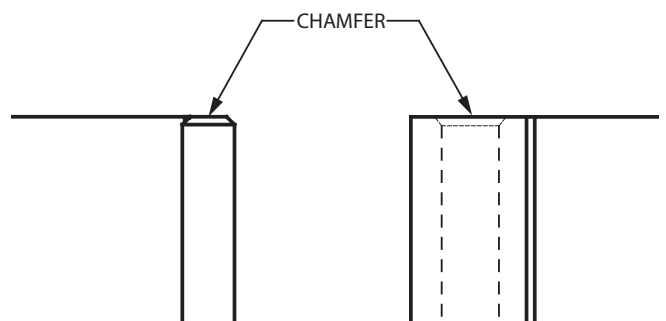
* Pro-tip- Using a small file or sandpaper chamfer the leading edge of the hinge and receiving frame to facilitate sliding the profiles together. Wipe down the extrusions to remove any burrs & lubricate the channel with WD-40 or silicone spray.

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 knuckle of the hinge is tight against the throat of the join. See Figure 3.
 - 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 1b



IPC.917/REV.6

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Fig 2

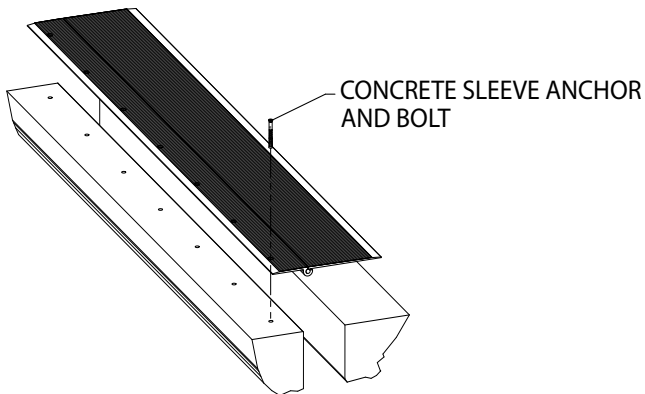


FIG. 3
(806-A01 COMPLETE INSTALLATION)

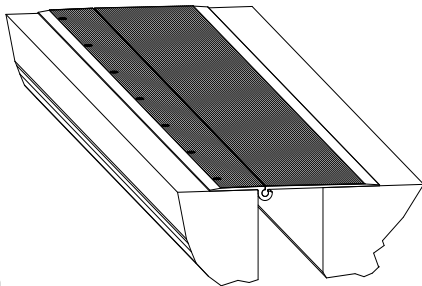


FIG. 3a
(806-A02 COMPLETE INSTALLATION)

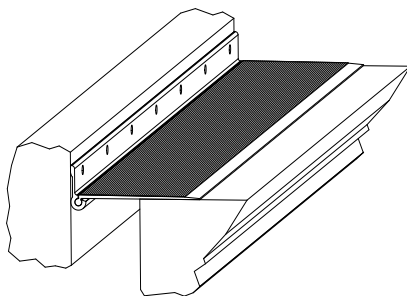


Figure 2

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