

Installation Instructions

Joint System: 430/432-A02

Note: Verify that the structural gap and blockout dimension is in conformance with submittal data before beginning installation. If this is a Fire Rated Assembly, the fire barrier must be installed before the Architectural Joint System. Refer to the fire barrier instructions for specific system installation.

Fig. 1

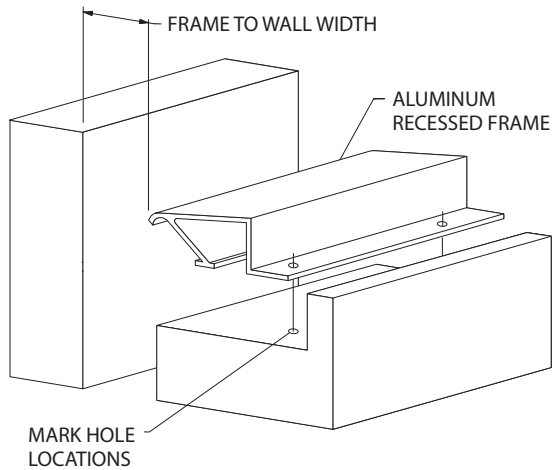
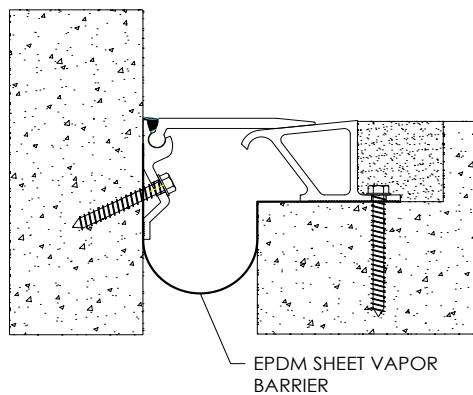


Fig. 1a



1. Install the architectural joint system on a level surface within the blockout. To determine blockout depth, deduct the thickness of the floor finish from the frame height. This may require adding leveling compound to raise the top of the floor frame.

Figure 1

2. Cut the aluminum components to the desired length.
3. Place the floor frame in the blockout with the radius profile facing the wall/structural gap. To properly space floor frame, use the chart below to determine the distance between the outside face of the radius profile on the floor frame to the face of the wall:

Joint Width		Frame to Wall Width	
US	MM	US	MM
1"	25	1 1/8"	28
2"	50	1 3/4"	44
3"	75	2 1/2"	64
4"	100	3 1/4"	83
6"	150	5 3/8"	137
8"	200	7 1/8"	182

4. Mark the pre-drilled hole locations on the blockout substrate and remove the floor frame from the blockout.
5. Drill holes in the blockout using a 3/16" (5mm) concrete drill bit to 2 1/4" (58mm) depth.

5a. Optional EPDM Vapor Barrier: Lay continuous bead of butyl rubber caulk in the blockout. Starting at one end, place vapor barrier evenly in the blockout and wall, allowing the excess material to drape into the structural gap. If necessary, vapor barrier may be fastened to substrate with masonry nails. Fold ends up (see Figure 1a).

IPC.845/REV.3

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Fig. 2

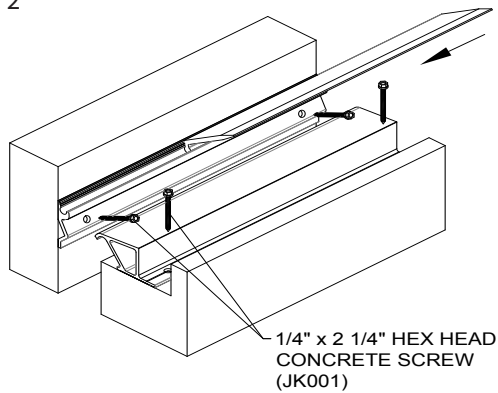


Fig. 3 (Completed installation)

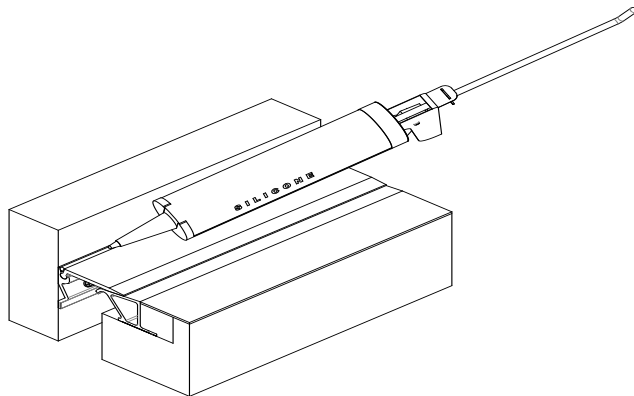


Fig. 3a (Reduced sightline option)

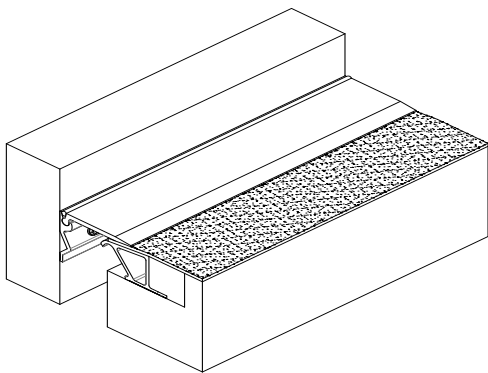


Figure 2

6. Return the aluminum floor frame in position over the drilled holes and secure using JK001 1/4" x 2 1/4" hex head concrete screws.
7. Place the aluminum wall frame against the wall and position the top level with the highest point of the floor frame. (See step 14 if installing a system with a reduced sightline).
8. Mark the pre-drilled hole locations on the substrate and remove the wall frame.
9. Drill marked holes on the wall using a 3/16" (5mm) concrete drill bit 2 1/4" (58mm) deep.
10. Return the wall frame over the drilled holes and secure using a JK001 1/4" x 2 1/4" hex head concrete screw.
11. Slide the male end of the aluminum half plate into the female end of the wall frame.
12. Apply silicone (supplied by others) between wall and aluminum half plate.

Figure 3

13. Backfill the blockout with high strength non-shrink epoxy grout (installer furnished). Install the floor finish level to the top of the floor frame. OPTIONAL: Carpet or sheet vinyl may be installed over the frame and under the half plate to reduce the sightline by lifting up the edge of the plate (see Figure 3a).
14. When carpet or sheet vinyl is installed over the frame for a reduced sightline, adjust wall frame up as required by floor finish thickness.
15. Clean the exposed surfaces with a non-solvent cleaner such as 409, as required.

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