

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 (430-A02 Floor to Wall shown)

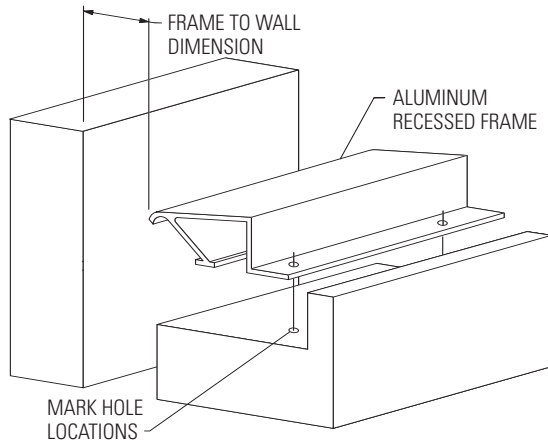
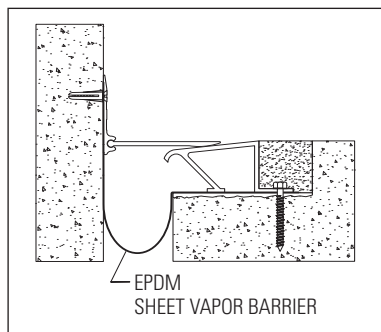


Fig. 1a



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	
US	MM	US	MM
1"	25	3/4"	19
2"	50	1 3/4"	44
3"	75	2 1/2"	64
4"	100	3 1/4"	83
6"	150	4 3/4"	121
8"	200	6 1/2"	165

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 1 5/8" (42mm) 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).

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Fig. 2

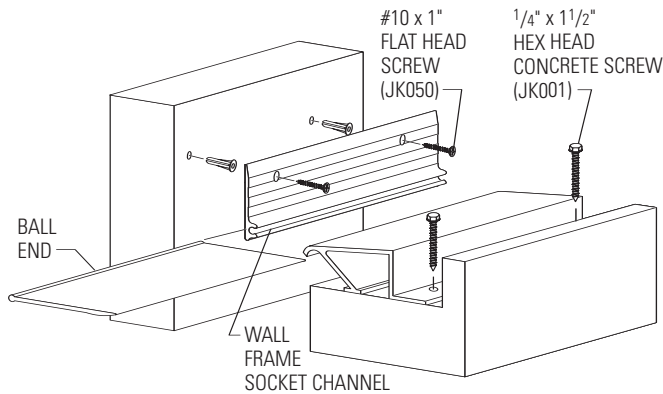


Fig. 3 (430-A02 completed installation)

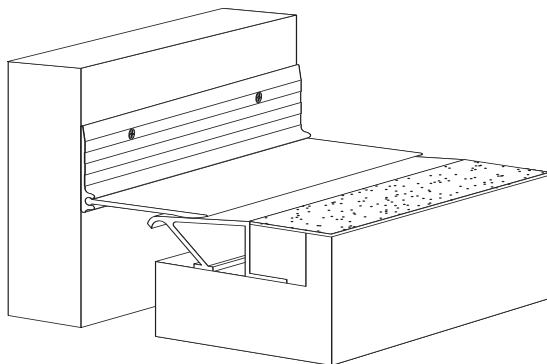


Fig. 3a (432-A02 completed installation with reduced sightline)

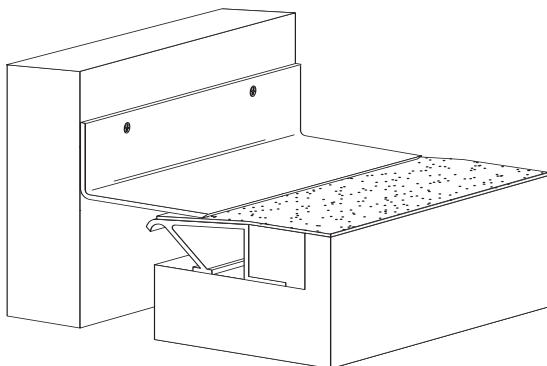


Figure 2

6. Return the aluminum floor frame in position over the drilled holes and secure using JK001 1/4" x 1 1/2" hex head concrete screws.
7. For 430-A02 system, place the aluminum wall frame against the wall and position 1 7/8" (48mm) above the highest point of the floor frame. For 432-A02 system, place the stainless steel half plate over the structural gap with the short leg (pre-drilled hole side) firmly against the wall. Align level to the finished floor.
8. Mark the pre-drilled hole locations on the substrate and remove the wall frame.
9. Drill marked holes on the wall using a 1/4" (6mm) concrete drill bit 1 1/8" (30mm) deep. Insert plastic plugs.
10. For 430-A02 system, slide the ball end of the aluminum half glide plate into the socket channel of the wall frame.
11. Return the frame assembly or half plate into position over the drilled holes and secure using a JK050 #10 x 1" flat head screw for each plastic plug. The aluminum half plate should now rest level on the floor frame.

Figure 3

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