

Installation Instructions

Joint System: 316-A01

Note: Verify that the structural gap and blockout dimensions are 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

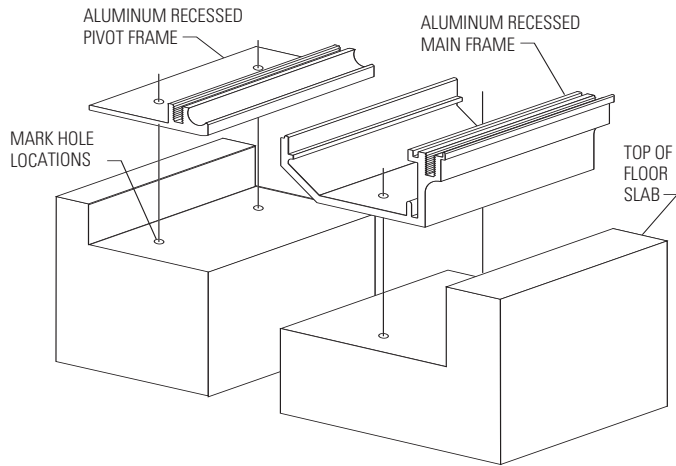
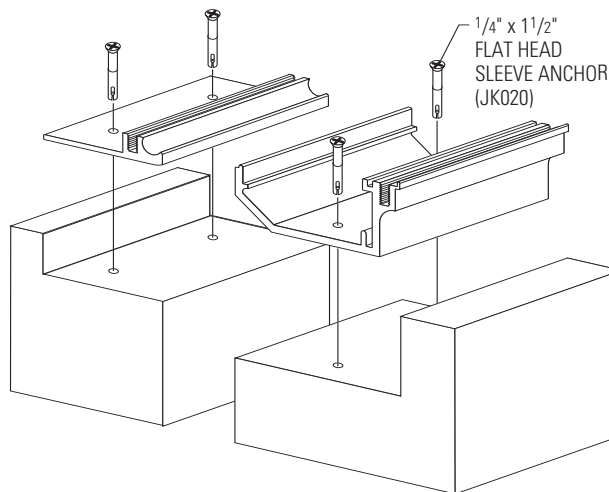


Fig. 2



1. Install the architectural joint system on a level surface within the blockouts. Note that each blockout depth / width is different to accommodate the floor frames. For recessed main frame, blockout should be 2" (51mm) high x 4 1/2" (114mm) wide. For recessed pivot frame, blockout should be 1" (25mm) high x 3 1/2" (89mm) wide. The tops of the aluminum frames should coincide with the floor slab. This may require adding leveling compound to raise the tops of the frames.

Figure 1

2. Cut the aluminum components to the desired length.
3. Place the aluminum main frame in the 2" (50mm) deep blockout so that the front face of the frame does not extend over the edge of the structural gap.
4. Place the aluminum pivot frame in the 1" (25mm) deep blockout so that the socket side of the frame does not extend over the edge of the structural gap.
5. Mark the pre-drilled hole locations on the substrates.
6. Remove the frames from the blockouts.

Figure 2

7. Drill all marked holes on the substrates using a 1/4" (6 mm) concrete drill bit. Holes should be drilled 1 1/2" (38mm) deep.
8. Return the frames in position over the drilled hole locations and secure in place with one JK020 1/4" x 1 1/2" flat head sleeve anchor for each hole.

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Fig. 3

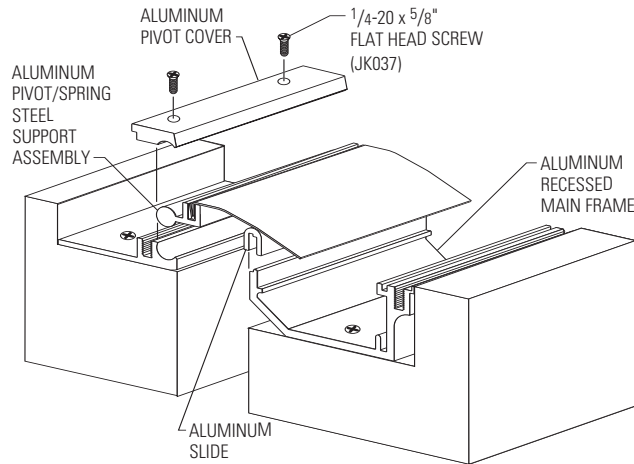


Fig. 4

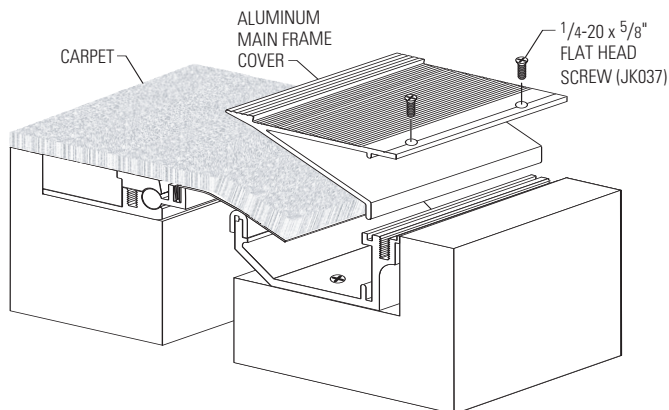


Fig. 5 (316-A01 completed installation)

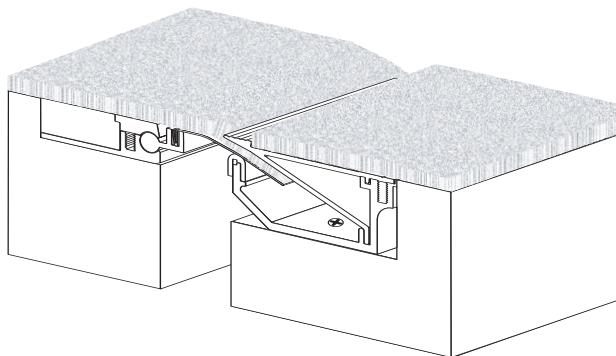


Figure 3

9. Place the aluminum slide over the main frame leg. Slide can be reversed to accommodate two carpet pile heights. For pile height of 1/4" (6mm) or less, move the slide to the higher position. For thicker pile heights, flip the slide to the lower position.
10. Place the aluminum pivot assembly into the pivot frame socket with the spring steel support resting on the aluminum slide. Place the aluminum pivot cover on top so that the pivot ball can swivel freely in the frame. Secure the pivot cover in place using one JK037 1/4-20 x 5/8" flat head machine screw for each hole.

Figure 4

11. Backfill the blockout on the pivot frame side of the joint with high strength non-shrink epoxy grout (installer furnished). Make sure backfill is level with adjacent concrete finish and the top of the frame.
12. Install the carpet over the pivot cover and spring steel support plate ensuring it is firmly adhered.
13. Place the pre-drilled aluminum main frame cover over the main frame and secure in place with one JK037 1/4-20 x 5/8" flat head machine screw for each hole.

Figure 5

14. Backfill the blockout on the main frame side of the joint level with the adjacent concrete finish. Install and adhere the carpet over the aluminum main frame cover.
15. Clean the exposed surfaces with a non-solvent cleaner, such as 409, as required.