Installation Instructions

Joint System: 787NS-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

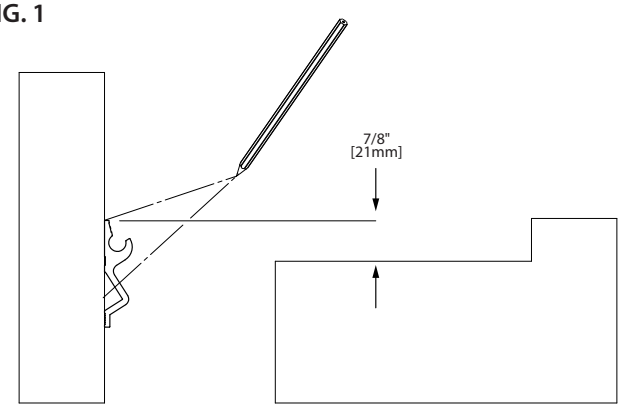


FIG. 1a

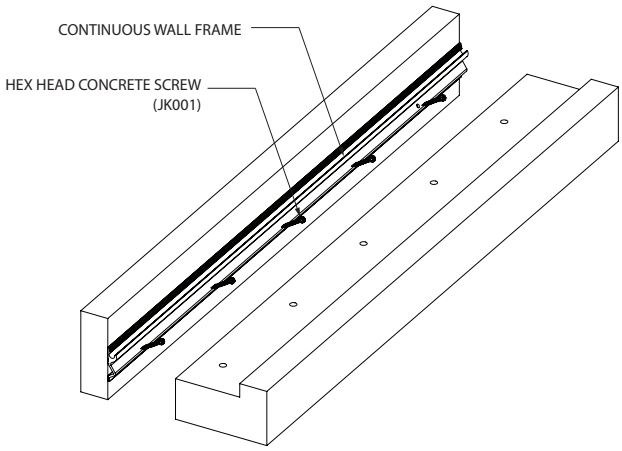
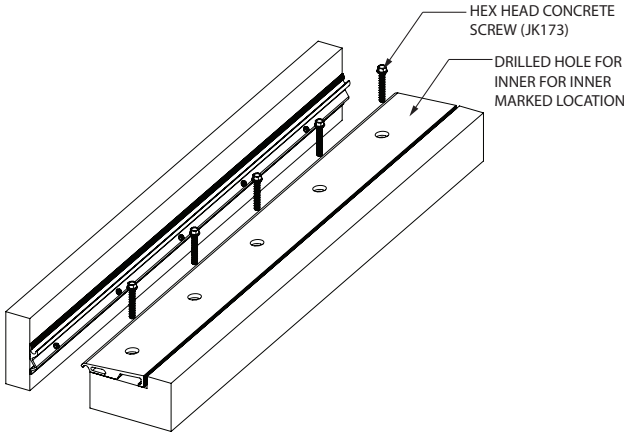


FIG. 2



1. Install the architectural joint system on a level surface within the blockout. The top of the aluminum frame should coincide with the finish floor. This may require adding leveling compound to raise the tops of the frames.

Figure 1: Wall Frame Placement

2. Place the top of the wall frame 7/8" [21mm] above the bottom surface of blockout, mark the pre-drilled hole location on the wall where the frame will be placed.

3. Drill marked hole locations using 3/8" [10mm] wide concrete bit 3" [75mm] deep.

4. Return wall frame in position over the drilled hole locations and secure using the supplied (JK001)1/4" x 2 1/4" [M6x56] hex head concrete screws.

Figure 2: Recessed Floor Frame Placement

5. Place the recessed aluminum frames per architectural detail.

*** Note: Frame location varies per joint width.**

- Joints 2" [51mm] to 5" [127mm] require every frame hole to be marked and drilled in field.

- Joints 6" [152mm] to 8" [203mm] require every other frame hole to be marked and drilled in field with remaining holes to be filled with sealant.

6. Mark the pre-drilled hole locations.

7. Remove the recessed frames from the blockouts.

8. Drill inside set of marked holes on the substrates using a 3/8" (10 mm) concrete drill bit. Holes should be drilled 2 3/4" (70mm) deep.

9. Return the recessed frames in position over the drilled hole locations and secure in place with (JK173) 3/8" x 2 1/2" hex head concrete screw anchor for each hole. (FIG.2)

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FIG. 3

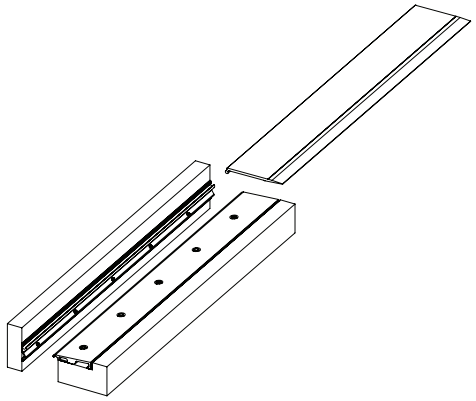


Figure 3

10. Slide the aluminum cover plate in the aluminum wall frame.

11. Put a bead of sillicone between the aluminum wall frame and cover plate.

Figure 4

12. Backfill the blockout with epoxy sealant level with the adjacent concrete slab.

FIG. 4

