

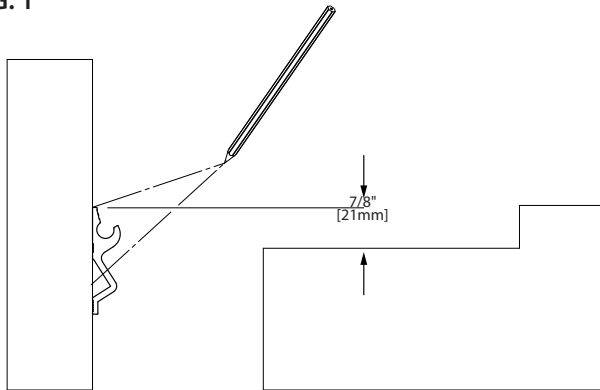
Installation Instructions

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 each other 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



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.

6. Mark the pre-drilled hole locations.

7. Remove the recessed frames from the blockouts.

8. Drill outside 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.

- 8a. Drill inside set of marked holes on the substrate using a 1/2" (12mm) concrete drill bit. Inner hole should be drilled 1 5/8" (41mm) deep from top of concrete.

- 8b. Seat the drop in anchor to the base of the hole. Insert the supplied punch into the drop in anchor and hammer down 4-5 times to activate the internal plug.

9. Return the recessed frames in position over the drilled hole locations and secure in place with (JK214) 3/8" x 1 1/4" flat head stainless steel screw for each inner hole and (JK173) 3/8" x 2 1/2" hex head concrete screw anchor for each outer hole.

FIG. 1a

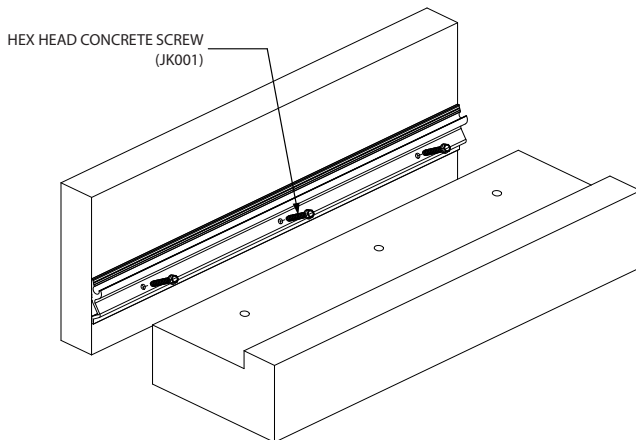
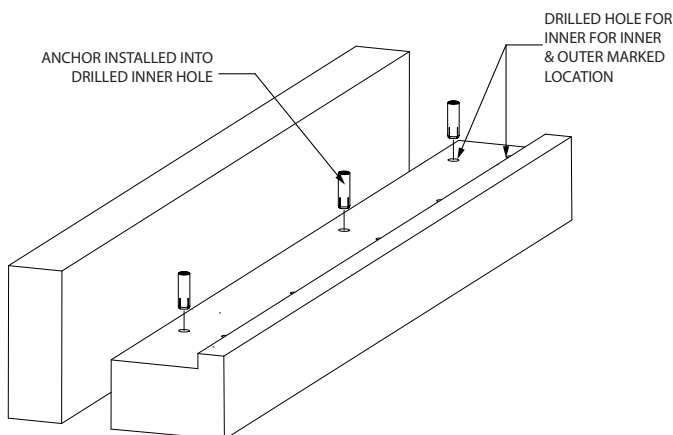


FIG. 2



IPC.3421/REV2

JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 787NS-A02

FIG. 2b

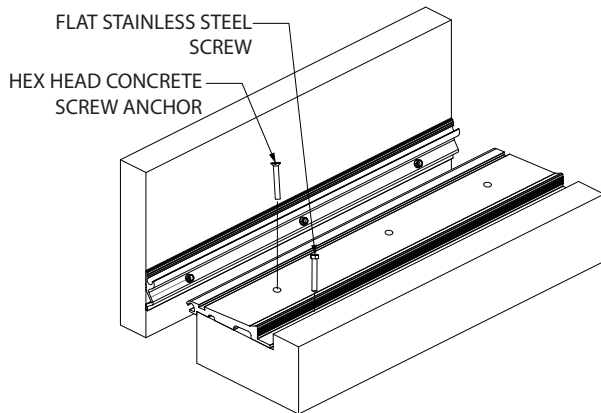


FIG. 3

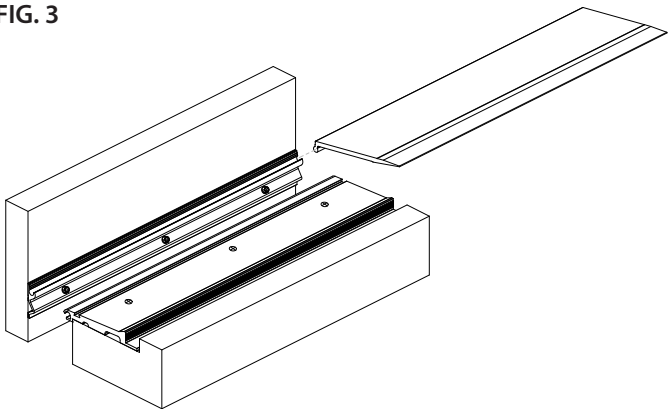


FIG. 4

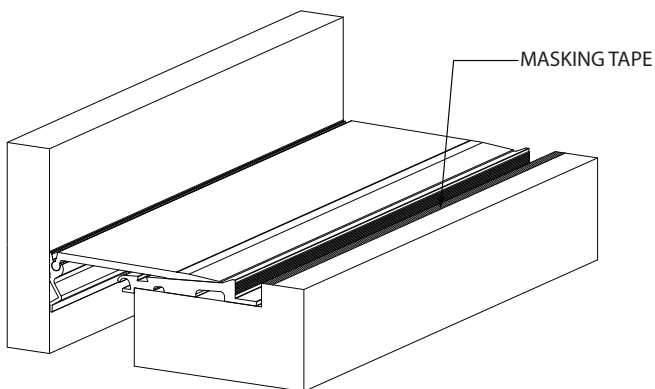


Figure 3

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

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

Figure 4

12. Apply masking tape on the concrete slab next to the blockout.

13. Backfill the blockout with epoxy grout level with the adjacent concrete slab.

14. Remove masking tape from the concrete slab.

15. Clean the exposed surfaces with non-solvent cleaner, such as 409, as required.

Fig. 5 (787NS-A02 Completed installation)

