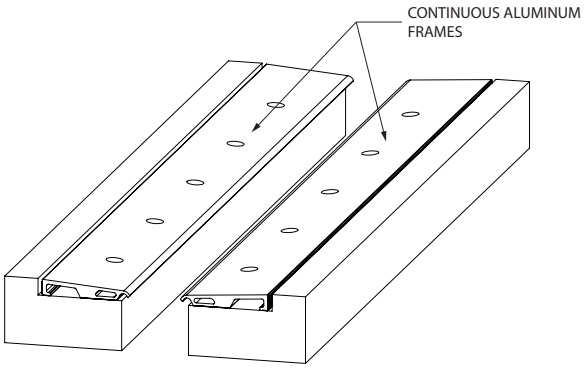
Installation Instructions

Joint System: 787NS-A01

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



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

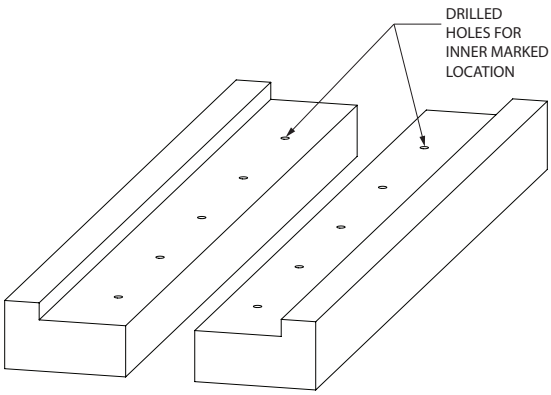
2. Place the recessed aluminum frames per architectural detail.

***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.

FIG. 1a



3. Mark the pre-drilled hole locations.

4. Remove the recessed frames from the blockouts.

5. 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.(1a)

FIG. 2

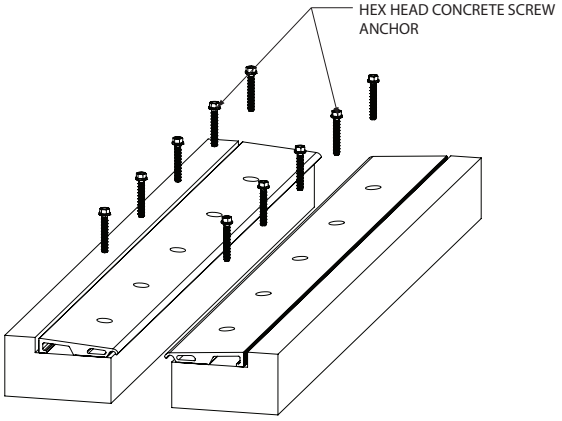


Figure 2

6. 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.

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Installation Instructions

Joint System: 787NS-A01

FIG. 3

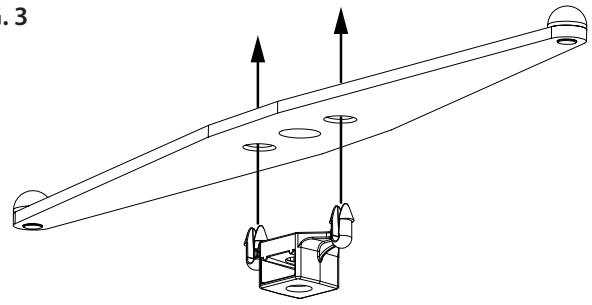


Figure 3

8. Assemble Centerbar & Speed Nut: Speed Nut should be installed opposite the Centerbar pins, with the tangs (located on top of the Speed Nut) going into the holes with the angled edge.

Figure 3a

9. Place the aluminum cover plate countersink over each centerbar spring assembly hole. Use one (JKSS19) 3/8"-16 x 2" flat head machined screw for each countersunk hole. By hand, thread thru the centerbar spring assembly until the screw is fully seated in the countersink. Mark the screw head and turn the screw clockwise 6 complete rotations. **DO NOT OVER TIGHTEN!** This provides 19# (8.6kg) of preload pressure for the spring.

FIG. 3a

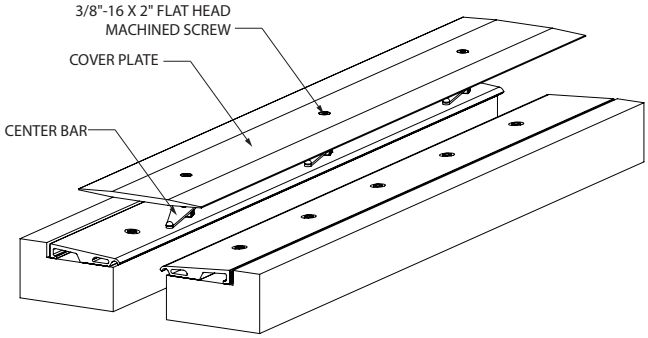


Figure 4

10. Backfill the blockout with sealant level with the adjacent concrete slab.

FIG. 4

