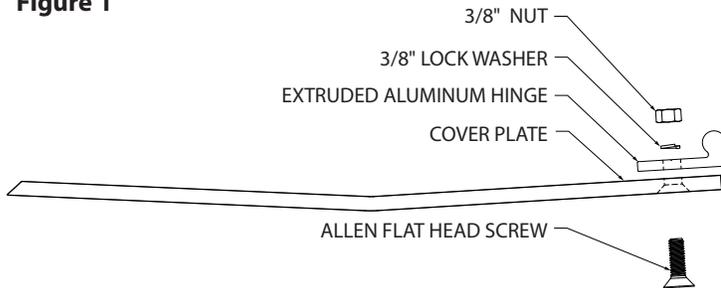


# Installation Instructions

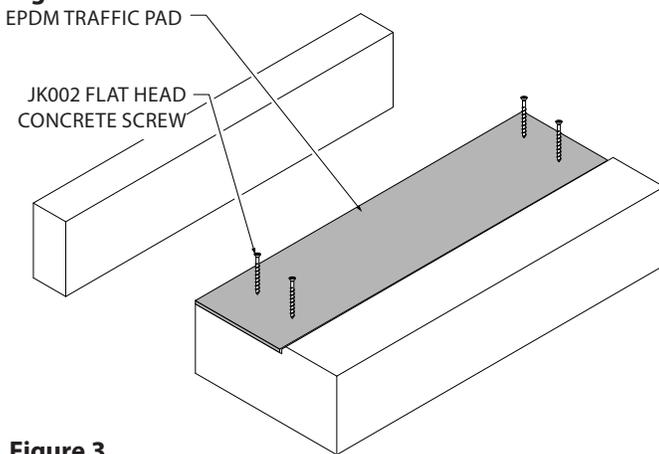
## Joint System: 797L-G01/G02

NOTE: Verify that the structural gap are in conformance with the 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.

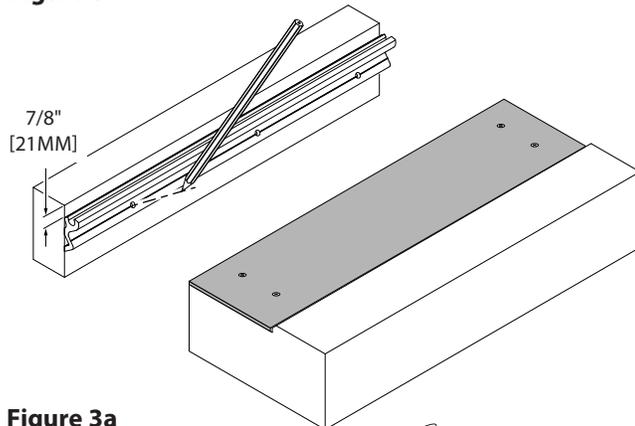
**Figure 1**



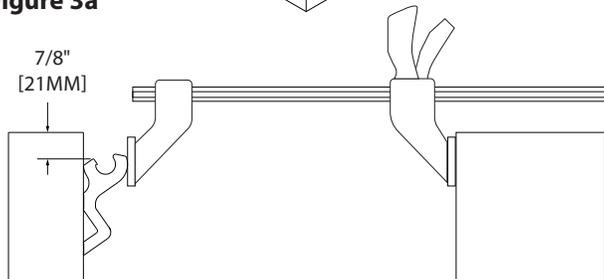
**Figure 2**



**Figure 3**



**Figure 3a**



1. Ensure blockout is level and free of voids. Verify depth and width against system drawings. Install the architectural joint system on a level surface within the blockout. Ensure the inside face of the joint opening is plumb and straight.

2. Verify if water proofing measures are required. If so, follow product specific installation instructions.

### Before installation

Figure 1

3. Flip cover plate upside down on a protected surface. Fasten the supplied extruded aluminum sheer hinge to the cover plate using the supplied 3/8-16 X 1 1/4" stainless steel flat head screw, 3/8" lock washer, and 3/8" nut found in hardware kit (JK230)

NOTE: The hinge component's length and hole location may vary depending on joint width. Verify length and alignment before installation.

Figure 2

4. Prep slab to provide a clean, porous surface prior to installation of the EPDM Traffic Pad.
5. Install the EPDM Traffic Pad first. Ensure the width of the EPDM Traffic Pad matches the blockout width.
6. It is recommended to use a bed of butyl sealant (by others) to adhere the EPDM pad to concrete.
7. Roll out the EPDM to the desired length.
8. Using a 1/8" [3mm] concrete drill bit, drill through the EPDM Traffic Pad into the concrete to a total depth of 2 1/2" [64mm].
9. Secure the EPDM Traffic Pad to the concrete using a 3/16" [5mm] x 2 1/4" [57mm] Flat Head Concrete Screw (JK002). Sink the heads of the screws about 1/8" below the EPDM sheet surface

Figure 3

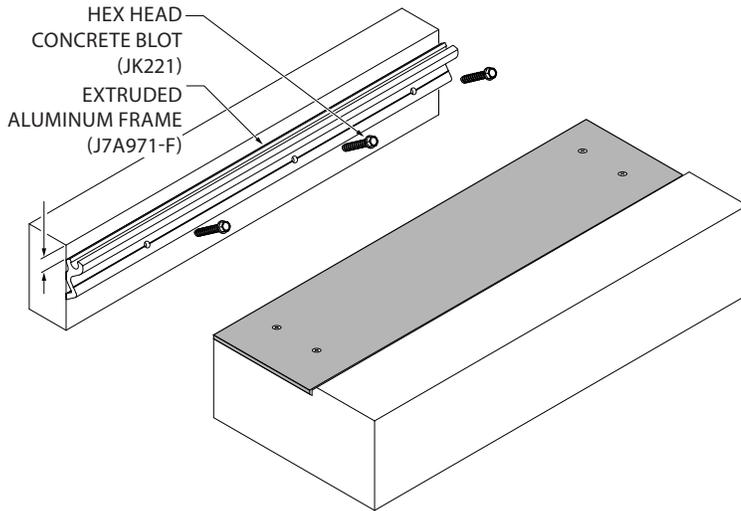
10. Position hinge frame against the non-blockout side of the expansion joint. Ensure the edge of the joint is square and runs straight without bump outs or recesses. Brace wall frame against expansion joint using a spanner clamp. (see Figure 3a)
11. With the back side of frame 7/8" [21mm] below the edge of the joint, mark the pre-drilled hole locations on the substrate.
12. Drill marked hole locations using 3/8" [10mm] wide concrete bit 3" [75mm] deep.

IPC.3162/REV.1

# Installation Instructions

## Joint System: 797L-G01/G02

**Figure 4**

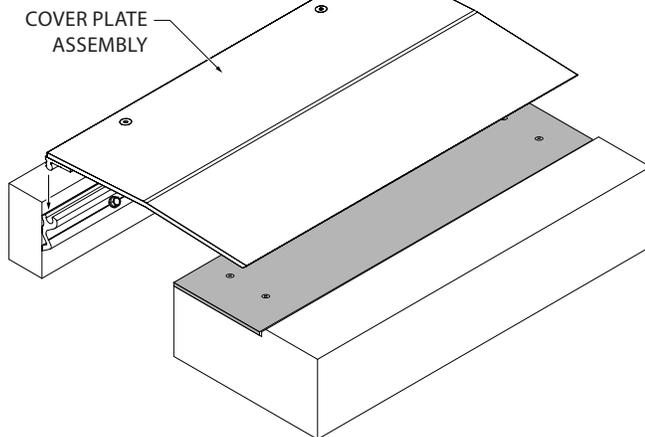


**Figure 4**

13. Return the frame to the expansion joint and secure the frame into place using the supplied 3/8 x 4" [10x100mm] hex head concrete screw.

**NOTE:** Ensure the frame does not curve or bend along its length more than a 1/16" [2mm] to prevent installation complications.

**Figure 5**



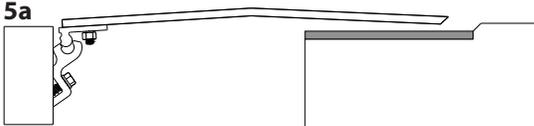
**Figure 5**

14. Position cover plate and hinge assembly over the expansion joint. Place rounded knuckle of hinge into the groove of the wall frame. (See Figure 5a)

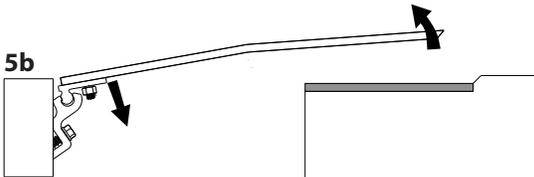
15. Lift the front edge of the coverplate upward, keeping the knuckle centered on the frame. The hinge will drop into the wall frame with an audible snap. (See Figure 5b)

16. Drop the cover plate down to its final position. The non-beveled side of the cover plate should sit flush with the top of the finished slab. (See Figure 5c)

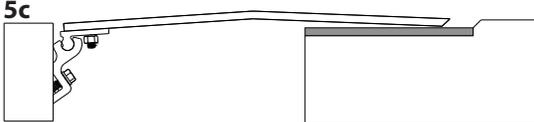
**Figure 5a**



**Figure 5b**



**Figure 5c**



**Figure 6**

17. After plate is installed, apply a continuous bead of mastic sealant (By Others) along gap between the edge of slab and edge of the cover plate.

**Figure 6**

