

EKS Series

Note: Verify that the structural gap is in conformance with submittal data before beginning installation. If this is a Fire Rated Assembly, the first barrier must be installed before the Architectural Joint System. Refer to the fire barrier instructions for specific system installation.

Fig. 1

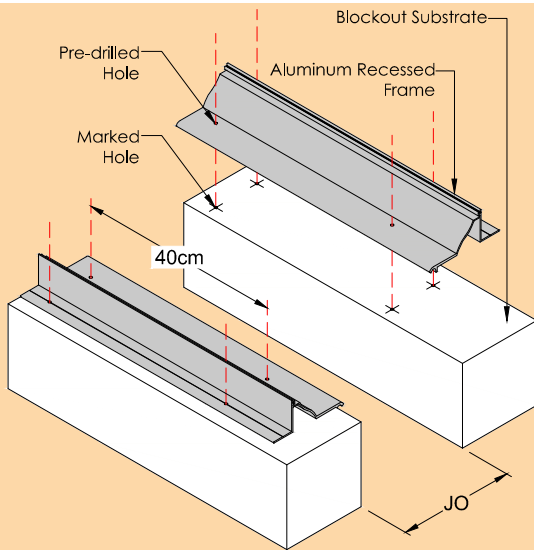


Fig. 2

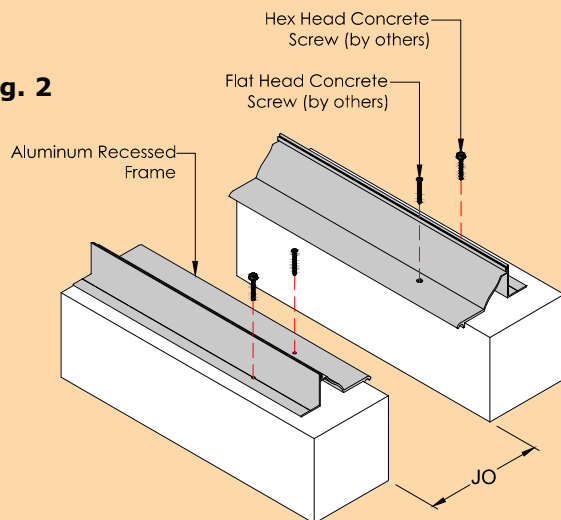
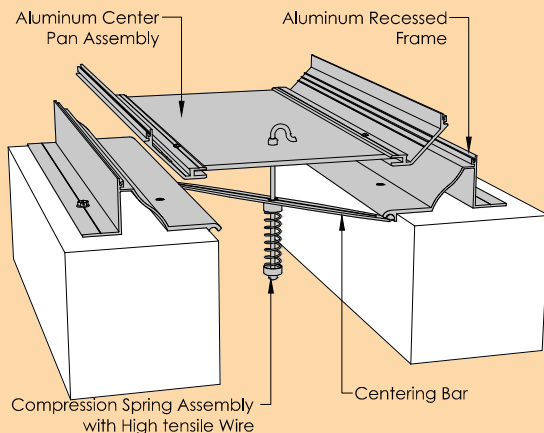


Fig. 3



1. Install the architectural joint system on a level surface within the blockout. Make sure the top surface of the system is level with the floor finished.

2. Cut the aluminum components to length as needed. Drill holes on the aluminum profiles as required on site.

Figure 1

3. Place the recessed frame with angled leg firmly against within the blockout and mark the pre-drilled holes on the substrate with a maximum distance between 2 holes should not be more than 40cm c/c interval. Remove the frames.

4. Drill all marked holes using a 1/4" (6mm) drill bit to 2" (50mm) depth on the blockout concrete substrate.

Figure 2

5. Return the frame into position over the drilled holes and secure using 6mm x 50mm Hex washer head and flat head concrete screws.

Figure 3

6. Assemble the center pan plate by inserting the high tensile wire through the pre-drilled hole, centering bar one in each wire with the rounded domes facing upward, and compression spring assembly and loosely tighten the lower and upper lock

7. Place the center pan plate assembly centered between over the two recessed frames, manage the buttons on each end of the centering bar will engage inside the radius channel of the frame and should be aligned diagonally and parallel to each other.

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Fig. 4

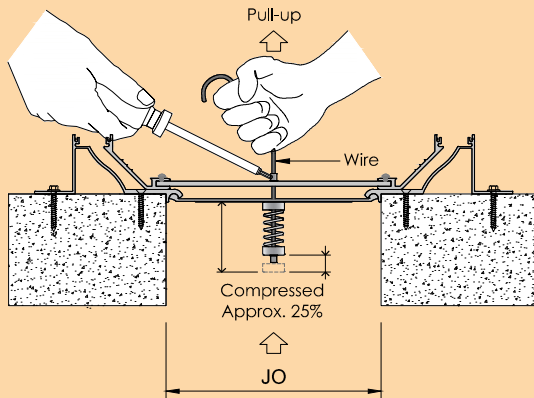


Figure 4

8. Slowly pull-up the wire, set the upper lock properly in place and tighten to secure the center pan assembly in place.

Figure 5

9. Fill the blackout and center pan plate with the selected concrete or tiles finished (by others) up to the top level of the exposed frames and floor finished. Do not fill beyond the frame.

10. Insert backer rod along the full length of the slots between pan and recessed frames.

11. Install the seal on both sides of the exposed profile slots.

Fig. 5

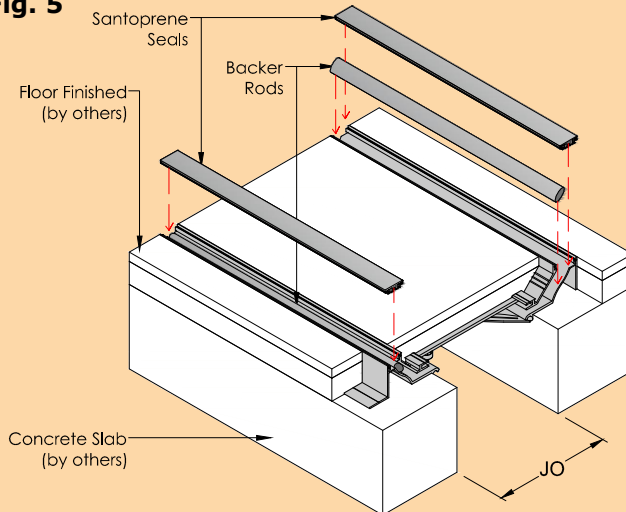


Figure 6

12. For completion of installation, clean the exposed surfaces with non-solvent cleaner as required.

Fig. 6: System Installation Completed

