

Installation Instructions

GAS Series

Prospec Joint Systems

Note: The structural gap and blockout dimensions has to be verified before beginning the installation if both are in conformance with submittal data. If the architectural joint system is fire rated, fire barrier has to be installed before the system. For specific system installation, refer to the fire barrier installation instructions.

Fig.1

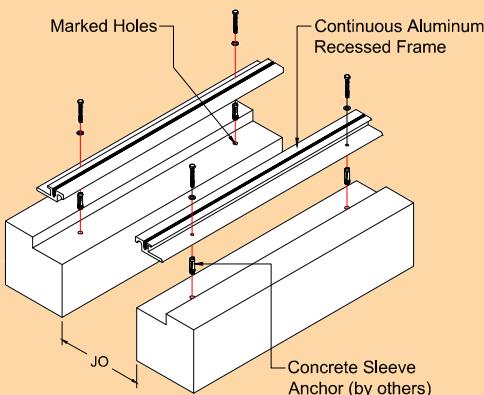


Fig.2

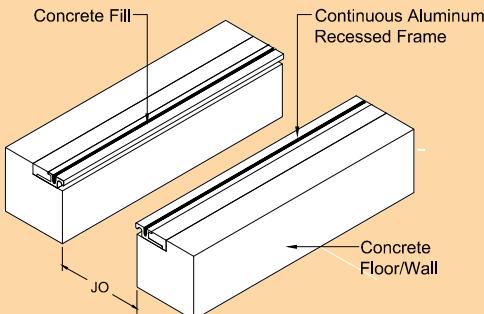


Fig.3

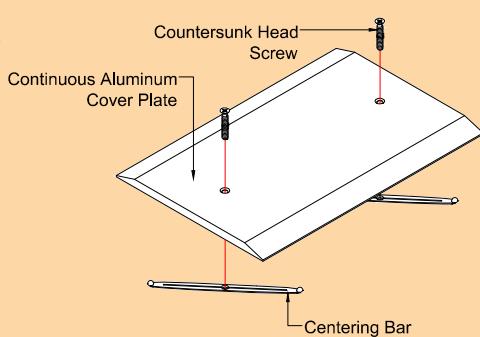
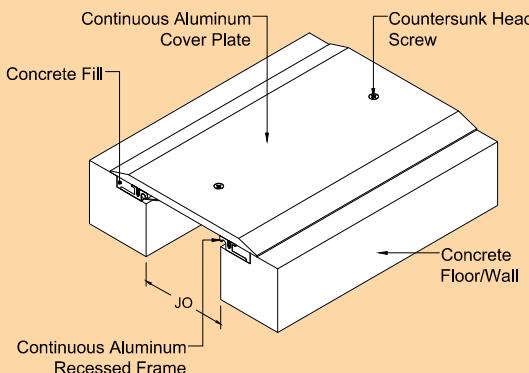


Fig.4

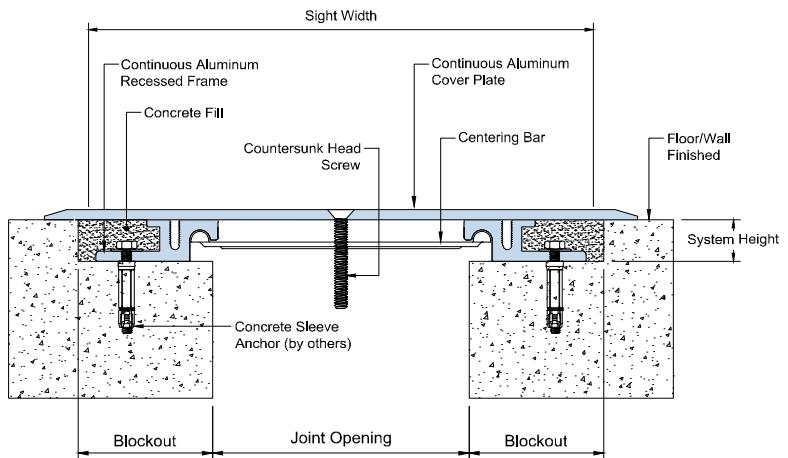


1. Install the architectural joint system on a level surface within the blockout. Make sure the tops of the frames are level with the finished floor height. This may require adding leveling compound to raise the tops of the frames.

2. Cut the aluminum components to the desired length.

3. Align the frames within the blockout, ensuring the frame bases do not extend over the structural gap.

Details:



4. Mark and drill holes in the aluminum as required on site at maximum distance between 2 holes should not be more than 40cm. Copy holes in the recessed frame on the concrete substrate. Remove the frame.

5. Drill holes in the blockout using a 5/16" (8mm) concrete drill bit to a 2-1/2" (63mm) depth.

6. Return the frame into position over the drilled hole locations and secure using 5/16" x 2-1/2" concrete sleeve anchors (See Fig. 1).

7. Fill the block out with concrete up to the top level of frames and finished floor line (See Fig. 2).

8. Insert flat head machine screws into pre-drilled counter sunk holes in the aluminum cover plate. Thread center -ing bars loosely onto each screw with the rounded domes of the centering bars facing the center plate (See Fig. 3).

9. Place the plate assembly onto the frames and center over the structural gap with all the centering bars running parallel along the joint. Slowly hand tighten each plate screw. As the screw draws the centering bars towards the the plate, the rounded domes on each end of the centering bar will engaged inside the radius channels on the frames (See Fig. 4).

10. Clean the exposed surfaces with a non-solvent cleaner as required.



PROSPEC
SPECIALTIES

Prospec Specialties Inc. 100-1075
North Service Rd. W, Oakville On
L6M2G2, Canada