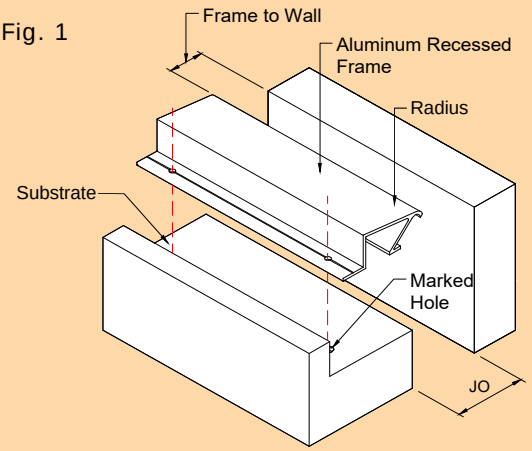
DFC Series

Note: Verify that the structural gap and blockout dimensions are in conformance with 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.

Fig. 1



Optional:

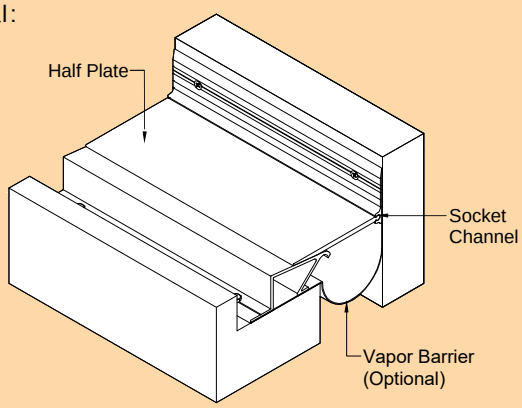
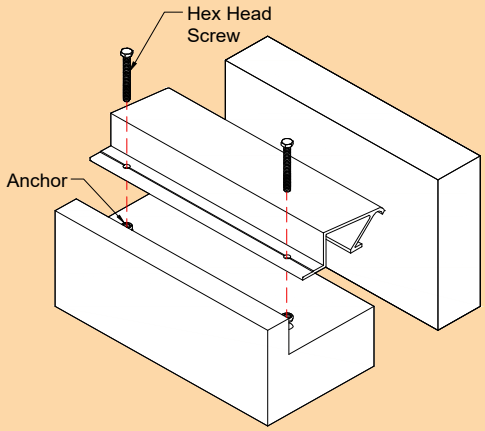


Fig. 2



1. Install the architectural joint system on a level surface within the blockout. Make sure the top of the frame edge is level with the finished floor. Apply a self-leveling compound to provide a continuous, solid, flat and level base.

Figure 1

2. Cut the aluminum components to length as needed.

3. Place the recessed frame into the blockout. The radius of the recessed frame should face the wall structural gap.

4. Use the table below to determine the distance between the recessed frame and the wall.

Joint Width		Frame to Wall	
(Inch)	(mm)	(Inch)	(mm)
1″	25	3/4″	19
2″	51	1-3/4″	44
3″	76	2-1/2″	64
4″	102	3-1/4″	83
6″	152	4-3/4″	121
8″	203	6-1/2″	165

5. Using the frame as a template, mark the pre-drilled holes on the substrate for fixing screws. Remove the frame from the blockout and drill all marked holes using concrete drill bit.

Optional: To install the EPDM vapor barrier before the DFC System, lay continuous bead micro sealant tape on the substrate to wall. Place the vapor barrier evenly allowing the excess material to drape in the structural gap.

Figure 2

6. Place the recessed frame in the blockout substrate over the drilled holes and secure using hex head concrete anchors and tighten to secure the frame in place.

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Fig. 3

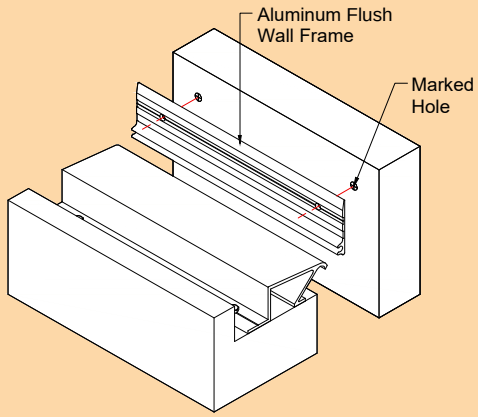

Figure 3

7. Place the flush wall frame against the wall at approximately 1-7/8" above the highest point of the recessed frame. Using the wall frame as a template, mark the pre-drilled holes on the wall for fixing screws. Remove the flush wall frame and drill all marked holes using concrete drill bit.

Fig. 4

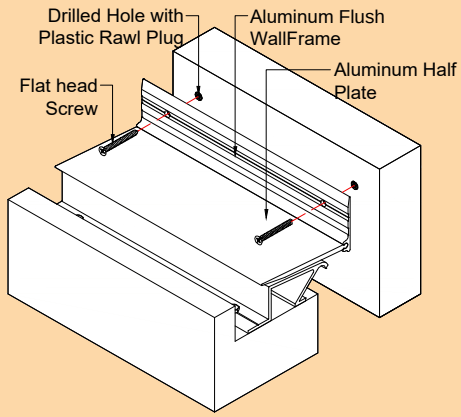

Figure 4

8. Assemble the half plate into the socket channel of flush wall frame. Place the half plate and wall frame assembly against the wall over the drilled holes. Secure using flat head screws with plastic rawl plugs and tighten to secure in place.

Fig. 5: Completed Installation

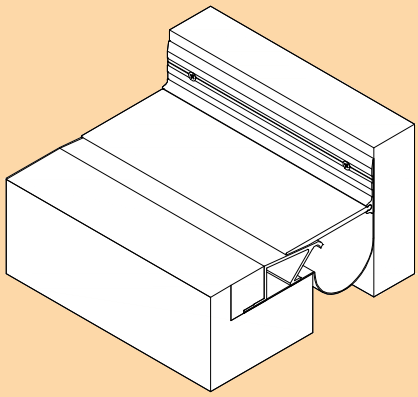

Figure 5

9. Backfill the blockout up to the top of the frame and finished floor level. For completion of installation, clean the exposed surfaces with a non-solvent cleaner.