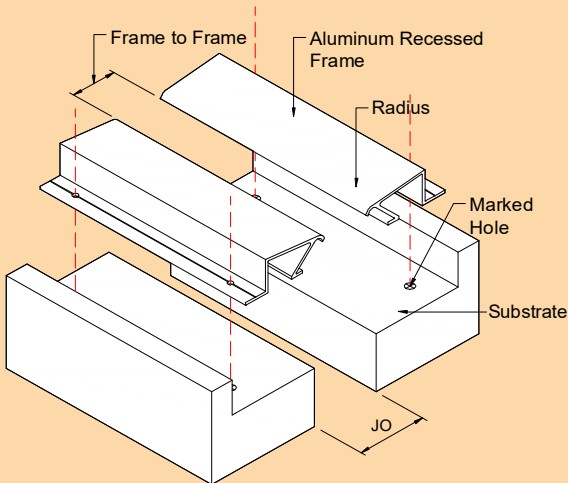


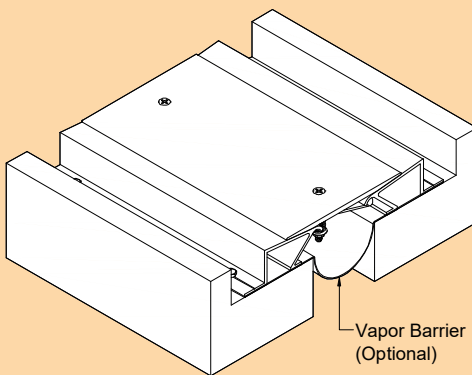
DFS Series

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:



1. Install the architectural joint system on a level surface within the blockout. Make sure the tops of frame edges are level with the finished floor. The blockouts must be level across the width of the joint. 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 frames into the blockout. The radius of the recessed frames should face the structural gap.

4. Use the table below to determine the distance between the faces of the radius on the recessed frames.

Joint Width		Frame to Frame	
(Inch)	(mm)	(Inch)	(mm)
1"	25	1"	25
2"	51	1-3/8"	36
3"	76	2"	51
4"	102	2-1/2"	64
6"	152	3-1/2"	89
8"	203	5-1/8"	130

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

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



DFS Series

Fig. 2

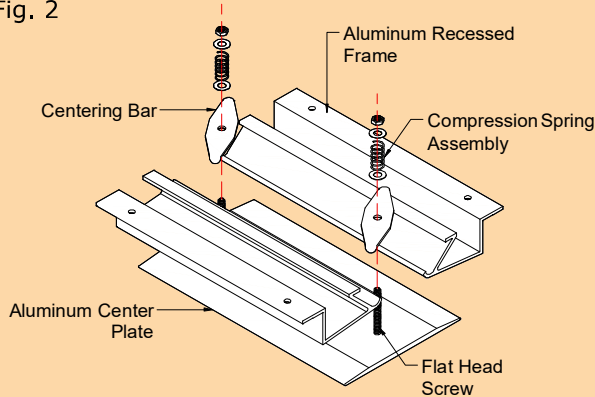


Fig. 3

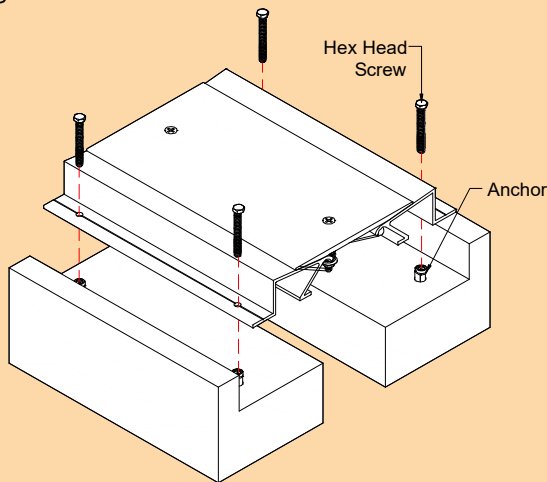


Fig. 4: Completed Installation

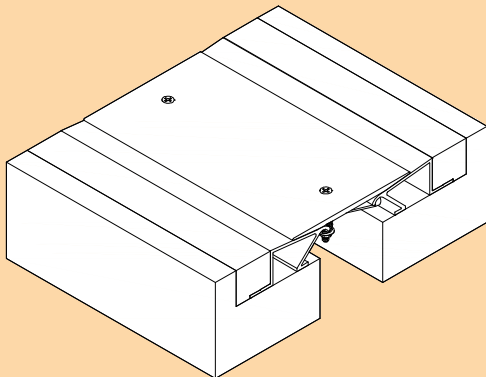


Figure 2

6. Invert the recessed frames and place them on top of the center plate. The recessed frames must be spaced apart as per table mentioned above. Insert flat head screws into the slot of the center plate, spaced at approximately 6" from each end, with a center to center maximum distance of 18".

7. Place centering bar on each screw with rounded domes facing the center plate, aligned diagonally to the center plate and parallel to each other. Fit this into the channel of both frames. Place compression springs to each screw with washer and nut, tighten each nut to secure the system assembly.

Figure 3

8. Flip the system assembly into proper position in the blockout over the expansion joint opening and align the pre-drilled holes of each frame over the drilled holes in the substrate. Once the system assembly is properly positioned on the substrate, secure using hex head concrete anchors and tighten to secure the system in place.

Figure 4

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

