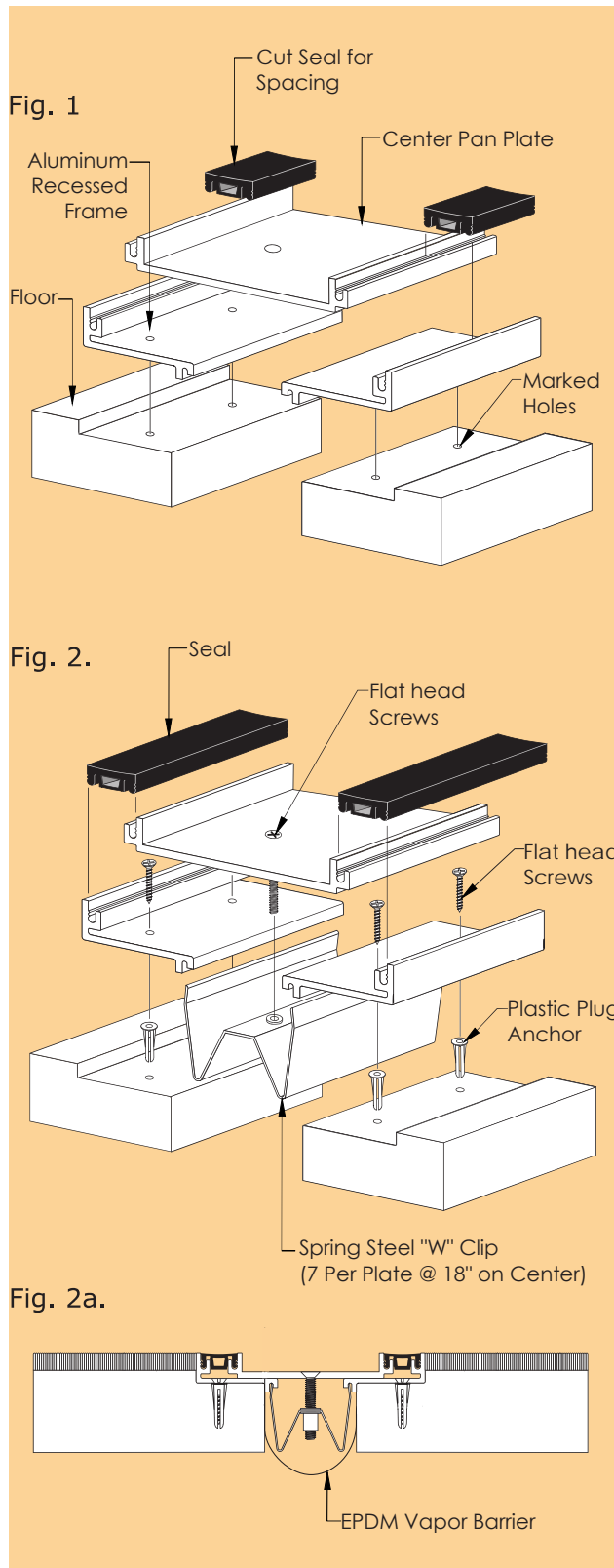


## BWS 02 System

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.



1. Install the expansion joint system on a level surface within the blockout. To determine the blockout width and depth is referred to the frame of each system. Make sure the top of frames is level on the finished floor.

Figure 1

2. Cut the aluminum components to the required length.

3. Place the aluminum recessed frame on the structural gap within the blockout as a template, ensure the angled leg of each frame flushing against the joint opening of both side surfaces. To properly space between recessed frames and pan plate, cut six small 2" sections of seal. Insert one at each end and one in the center of both side slots of the system and mark the pre-drilled hole locations on the substrate.

4. Remove the system components from the blockout.

Figure 2

5. Drill the marked holes using a 1/4" (6mm) concrete drill bit to 1-1/8 (30mm) depth. Insert plastic plug anchors.

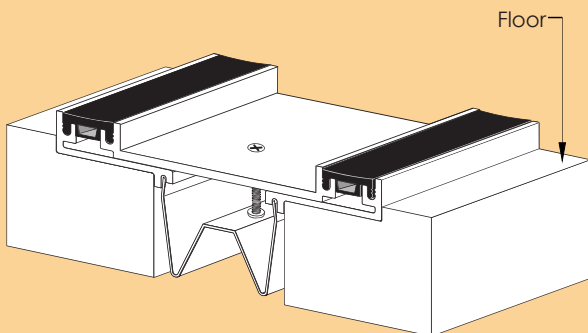
6. (Optional) EPDM Vapor Barrier must be installed in conjunction with expansion joint system framework. Lay continuous micro sealant tape on the blockout substrate. Mount the vapor barrier without stretching allowing to drape in the structural gap and associated with the system gap size (see figure 2a).

7. Assemble the center pan plate to the recessed frame, place the spring "W" clips into the channel of both recessed frames. Position the spring clips beneath each countersunk holes of center pan plate and secure loosely using 1/4-20 x 2" flat head screws.



## BWS 02 System

Fig. 3



8. Position the assembled system components over the drilled hole locations and secure in place with flat head screws for each plastic plug anchors. Remove the temporary seal as spacers.

9. Insert the seals in both slots of the recessed frame and center pan plate until the seals flush with the tops of the frames. Note: To assist in installing the seal, apply a mist of soapy water solutions to the back of the seal. A 1" wide seam roller may be used to fully engage the seal ears into the frame slots.

Figure 3

10. Install the floor finish up to the top level of exposed part of the frames and the center pan plates.

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

(Installation Completed)

