

FOS Series (08,10&12 System)

Note: Verify that the structural gap (joint opening) is constructed in conformance with submittal data before beginning installation. In general, this means that (a.) the joint opening is sized properly for the corresponding temperature as shown in the bid documents, (b.) the joint opening is consistent in width along the entire length of the joint and (c.) the joint opening has no abrupt "steps" mandating field correction and action. If this is a fire rated assembly, the fire barrier system must be installed before the architectural joint system. Refer to the fire barrier instructions for specific system installation.

Fig. 1

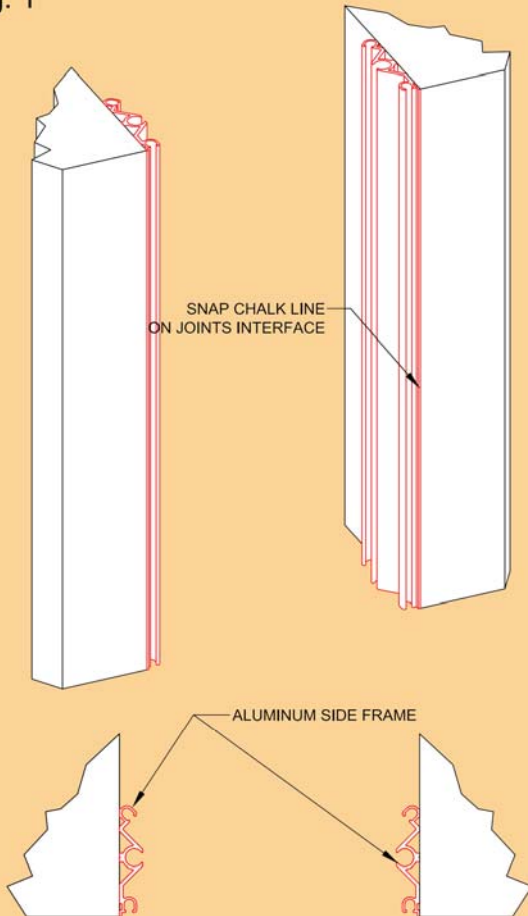
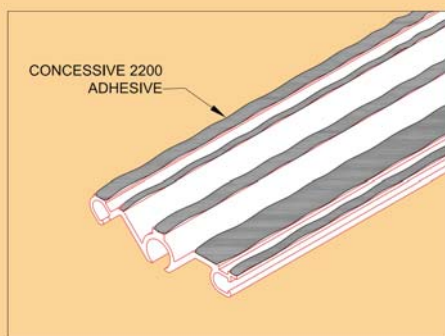


Fig. 2



1. Snap a chalk line on the joint interfaces. This will be used later to position the side frames for the entire height of the wall. The installing contractor must fix any irregularities in the substrate walls prior to the installation of the system. (See Fig. 1)
2. Apply a continuous bead of Concessive 2200 adhesive on the back of the aluminum side frame where it meets the wall. (See Fig. 2)

Position the aluminum side frame on walls following the chalk line and let it dry.
3. Insert set screws from the inside of one side frame followed by the centering bar. Set screw should not protrude past the outside of the frame. Repeat until 7 centering bars are inserted on a 10-foot length. (See Fig. 3 & 3a)

Fig. 3

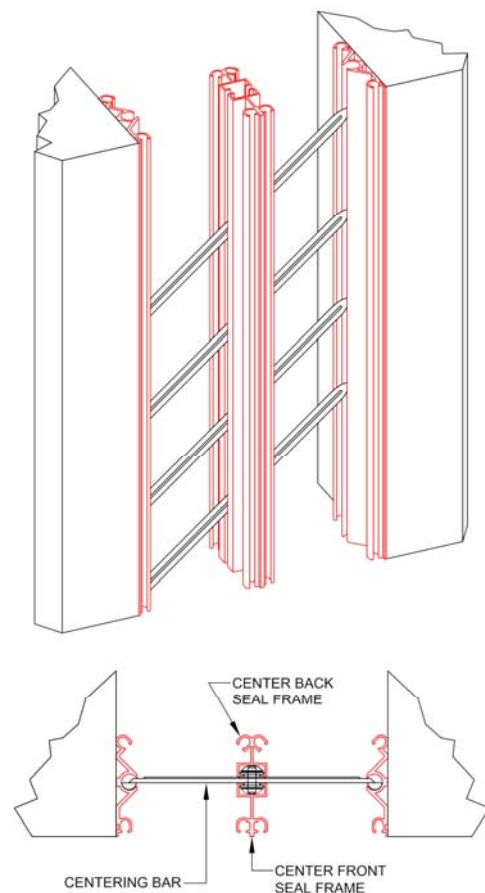
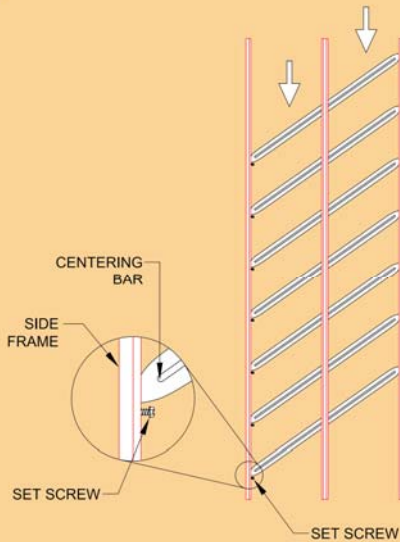


Fig. 3a



NOTE: The back seals should extend to the ground, and be longer than the visual face seals. This will allow any moisture trapped between the seals to escape as required.

4. Measure the wall height and cut the two back seals to length - making them slightly longer than required. The seals should be installed in one continuous piece. From the top of the wall, unroll the two lengths, placing the seal lengths between the centering bars and the back receptacles of the side frames. Starting from the bottom, insert the two seal lengths pushing the lugs into the frame receptacles and continue to insert the materials towards the opposite end. Fantastic or soapy water solution will help with the insertion. (See Fig. 4)

5. Trim off the excess lengths at the base of the wall.

NOTE: The face seals should be 1" shorter than the back seals. This will allow any moisture trapped between the seals to escape as required.

6. Cut the two face seals to length - making them slightly longer than required. The seals should be installed in one continuous piece. From the top of the wall, unroll the two lengths, placing the seal lengths on the front side of the centering bars. Starting from the bottom of the wall, insert the two seal lengths pushing the lugs into the frame receptacles and continue working upward. Fantastic or soapy water solution will help with the insertion. (See Fig. 5)

7. Trim off the excess lengths at the base of the wall.

Fig. 4

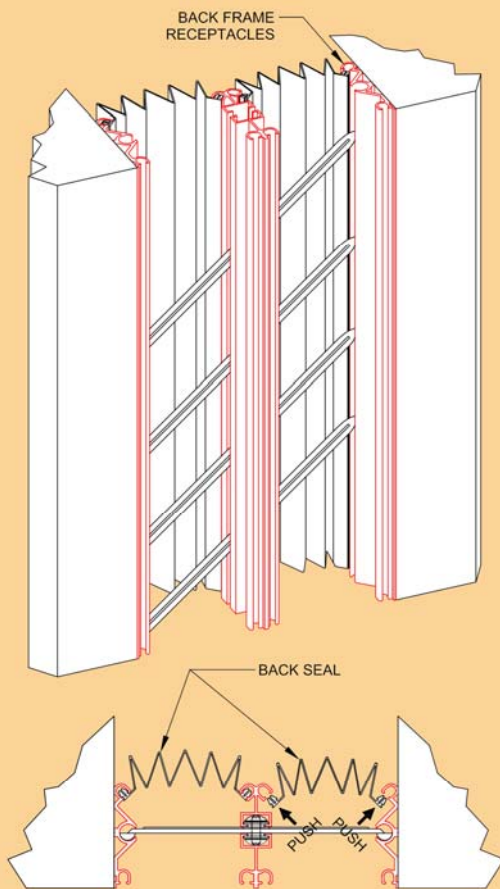


Fig. 5

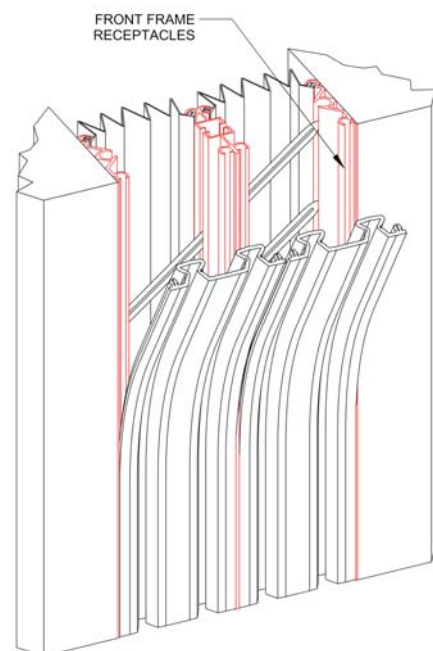
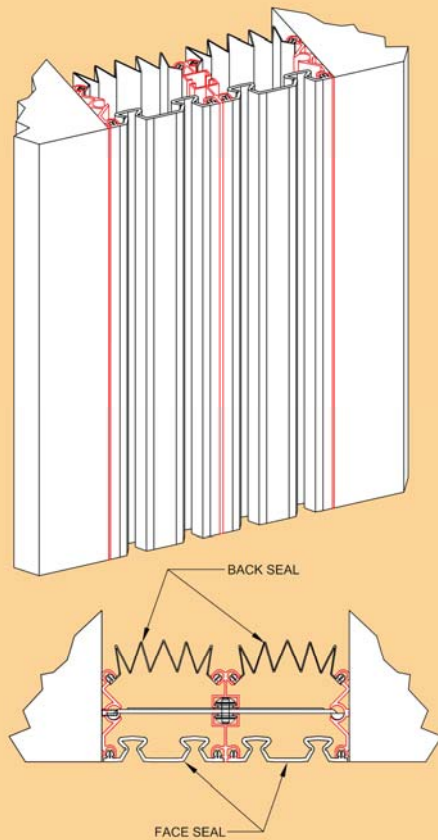


Fig. 6



8. Depending upon the project requirements, a continuous bead of caulk may be required to be installed where the outside edges of the face seals about the substrate walls. This caulk is supplied by others.