

Installation Instructions

Joint System: 616-A07 / A09-200 / 250 / 300

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 J.O. is sized properly for the corresponding temperature as shown in the bid documents, (b.) the J.O. is consistent in width along the entire length of the joint and (c.) the J.O. 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. See Reinforced Vapor Barrier Installs (IPS.1698) for proper installation procedures. Available on inprocorp.com under Fire + Moisture Barriers. Refer to the fire barrier instructions for specific system installation.

FIG. 1.1 (616-A07-300 WALL TO WALL)

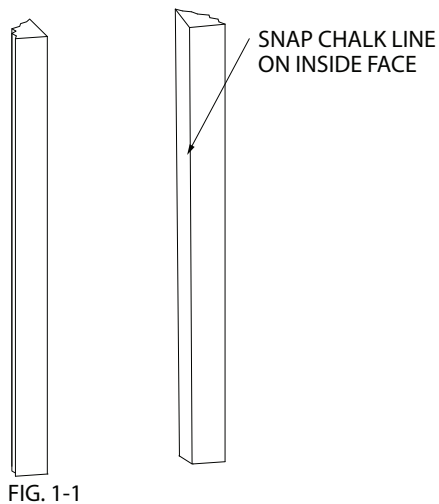


Figure 1

1. Snap a chalk line on the leading edge of the joint inside face. This will be used later to position the side frames for the entire height of the wall. Installing contractor must fix any irregularities in the substrate walls prior to the installation of the systems.
2. On the ground, assemble 10 foot (3 meter) lengths of the two side frames, one center face seal frame and centering bars.
3. Arrange centering bars so there is one bar between two machine screws. Insert machine screws from the inside of one side frame. Seven centering bars are required for each 10-foot (3 meter) assembly length.

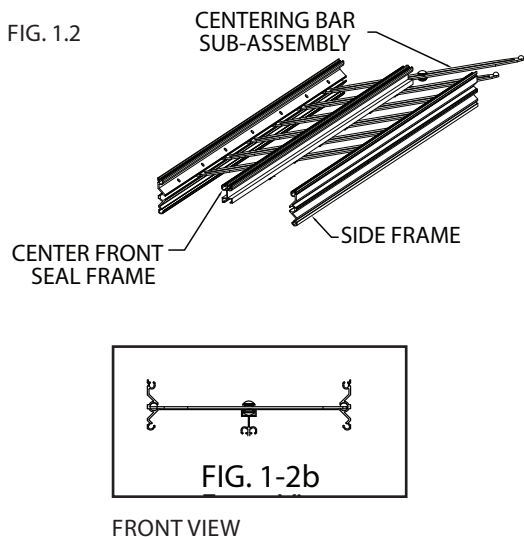
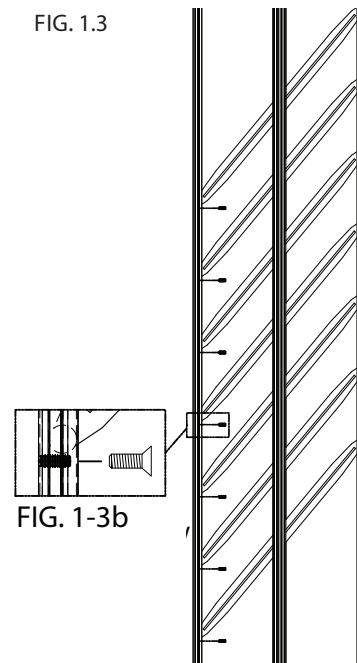


FIG. 1.3



IPC.906/REV.3

JOINTMASTER® Expansion Joint Systems

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FIG. 2

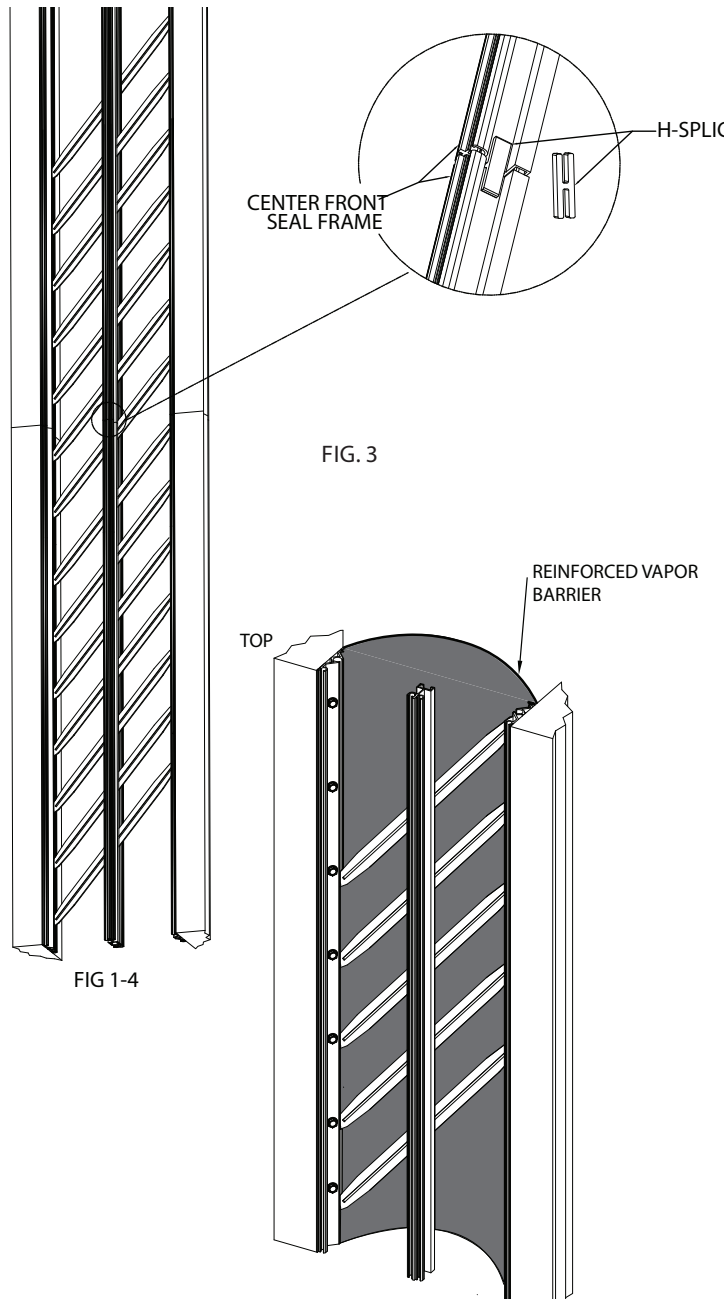


Figure 2 & 3

1. Measure the wall height and cut the reinforced vapor barrier to length – making one continuous piece and slightly longer than required. Apply silicone caulk (supplied by others) on both sides of the wall 2 1/2" (63mm) in from the exterior face. From the top of the wall, unroll the vapor barrier, placing the lengths behind the centering bars and sandwich between the substrate and aluminum frame. The vapor barrier should be installed 1/2" [13mm] in from the face of the exterior wall.
2. The aluminum frames should be fasten to the substrate using the appropriate sealant adhesive (as approved by the architect and supplied by the installer) and fasten using the hardware as supplied by InPro making sure the top sides of the assembly are flush with the exterior face. Angle the centering bars in the frames the same direction so the lower side of the bar rests on the set screw. Slide centering bars until they touch the set screws.
3. For joints exceeding 10 feet (3 meter) in length the wall. Attach lengths of the center face seal frames together using H-splices. At the top of the wall, trim lengths as required to adjust to top of wall conditions and/or mate with roof joint products.
4. Trim off the excess lengths at the exterior base of the wall.

Note: the vapor barrier 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.

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FIG. 4

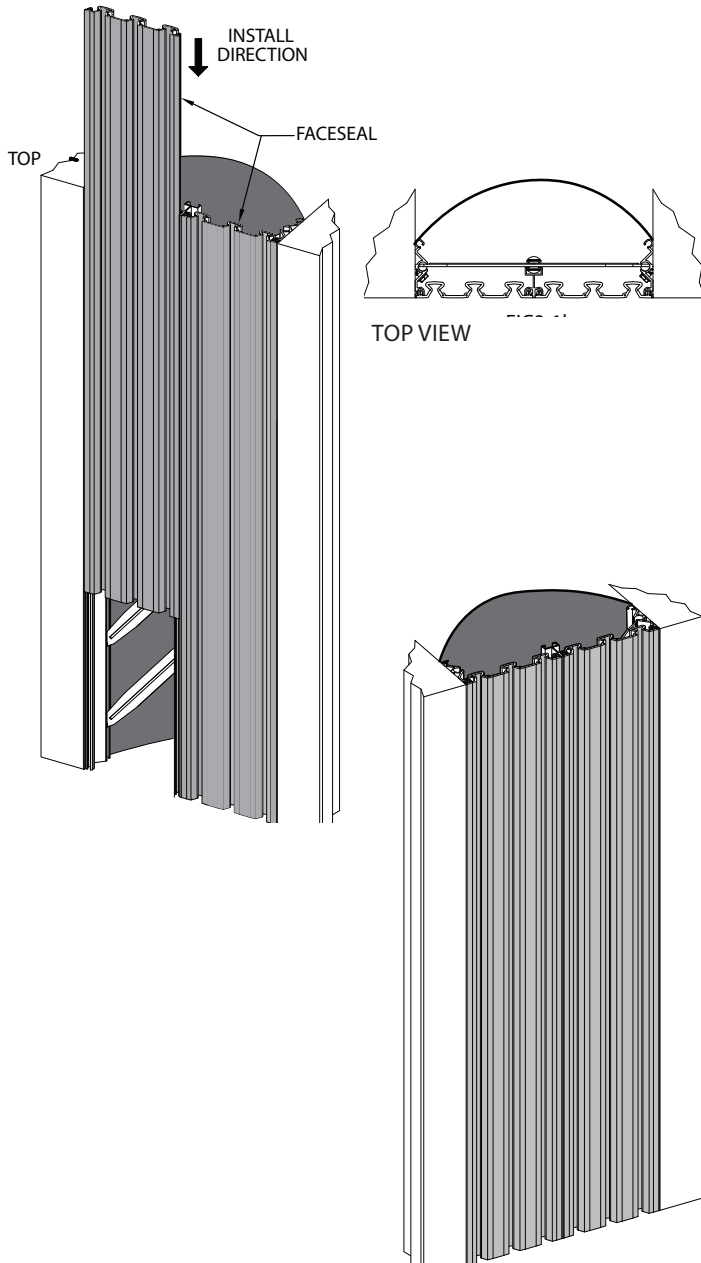


Figure 4

1. Cut the two face seals to length – making them slightly longer than required. The seals should be installed in one at a time using soapy water in the frames.
2. Trim off the excess lengths at the base of the wall.

Note: The face seals should be 1/4" [6mm] shorter than the base. This will allow any moisture trapped between the seals to escape as required.

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

NOTE: Per project dictates, address details at the top of the wall where the system meets with the expansion joint on the roof or roof parapet. This transition area, and components, should be shown in InPro Shop Drawing details. If none are shown, please contact InPro for appropriate details.

COMPLETED (616-A07-300 WALL TO WALL)