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Note: Verify that the structural gap is in conformance with submittal data before beginning installation. If this is a Fire Rated Assembly, the first barrier must be installed before the Architectural Joint System. Refer to the fire barrier instructions for specific system installation.

Fig. 1 (*Frame and Corner Plate Setout*)

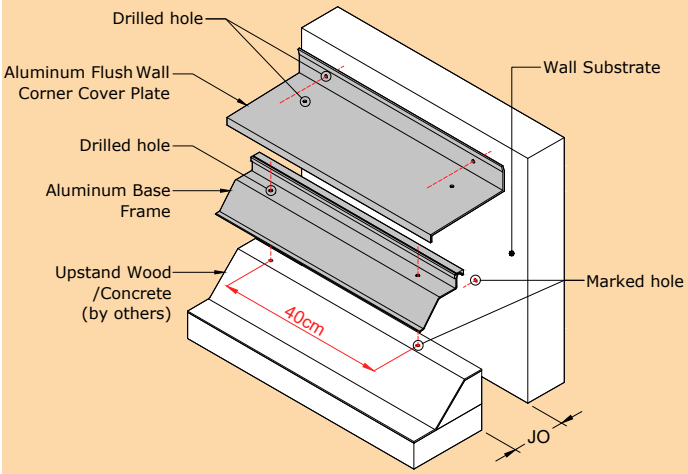


Fig. 2 (*Vapor Barrier Installation - Upstand Area*)

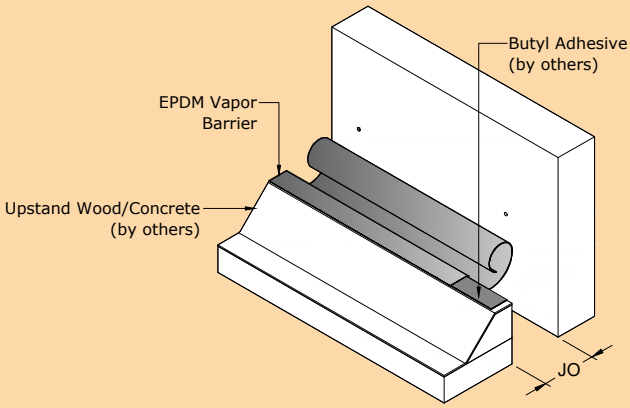
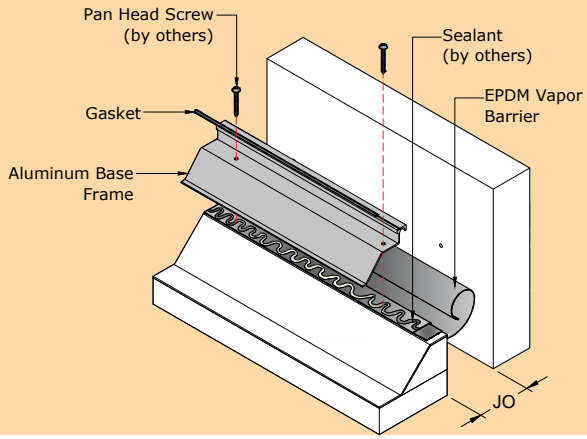


Fig. 3 (*Base Frame Installation*)



1. Install the architectural joint system on a level surface. To ensure ±25-50% movement, top of upstand must be 1-/2" (38mm) - 1-3/4" (44mm) wide.
2. Cut the aluminum components to the desired length.

Figure 1

3. Drill holes on the aluminum frame and corner cover plate profiles as required on site with a maximum distance between 2 holes should not be more than 40cm c/c interval.
4. Place the aluminum frame firmly against on the upstand with the radius profile facing the structural gap and mark the pre-drill holes on the substrate. Remove the frame.
5. To properly space, use the chart below to determine the distance between the frame to wall.

Joint Opening (mm)	Frame to Wall (mm)
50	40
75	65
100	90
150	140
200	190
250	240
300	290

6. Drill the marked holes using a 1/8" (3mm) drill bit to 1-1/2" (38mm) depth on the wood upstand.

Figure 2

7. Apply butyl adhesive tape on top of the upstand.
8. Starting at one end of the joint opening, place the vapor barrier over the butyl tape adhesive on the upstand, allowing the excess to drape into the structural gap.

Figure 3

9. Prior to the installation of the frame, apply sealant on the top of the vapor barrier.
10. Return the frame into position on the upstand over the drilled holes and vapor barrier with a bead of sealant. Secure in place with a #12 x 1-1/2" pan head wood screw.

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Fig. 4 (*Cover Plate Setup*)

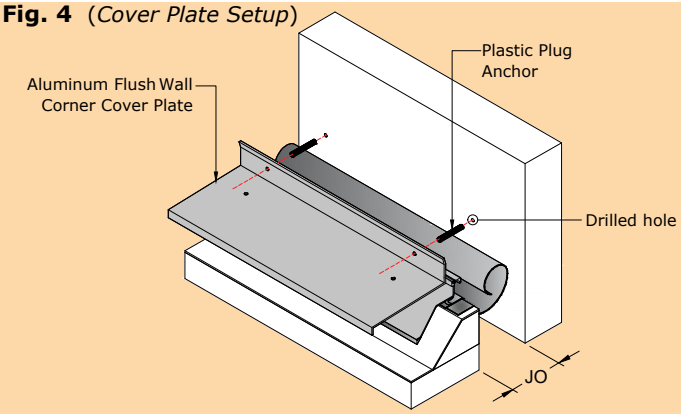


Fig. 5 (*Vapor Barrier Installation - Wall Area*)

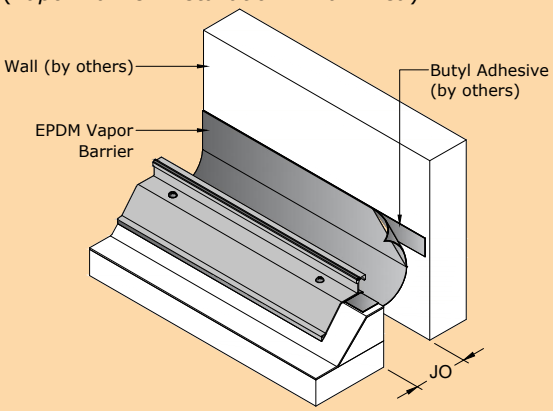


Fig. 6 (*Corner Cover Plate Assembly*)

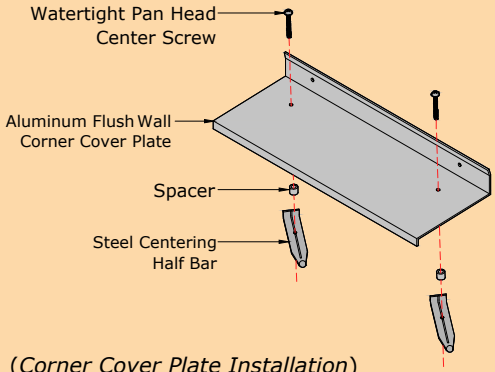
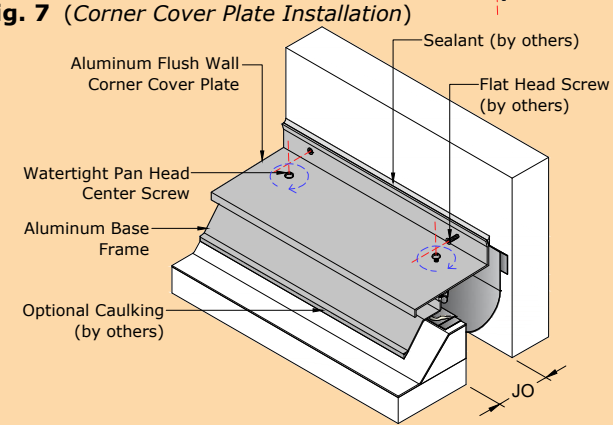


Fig. 7 (*Corner Cover Plate Installation*)



11. Insert and slide the vinyl gasket into the frame's receptacle.

Figure 4

12. Place the corner cover plate firmly against the wall. Rest the horizontal base leg of the corner plate firmly on the frame's vinyl gasket. Align parallel to the wall. Mark the pre-drilled holes on the wall substrate. Remove the frame.

13. Drill all marked holes using a 1/4” (6mm) drill bit to 2” (50mm) depth on the wall substrate. Insert plastic plug anchors.

Figure 5

14. Apply butyl adhesive tape on the wall substrate.

15. Place the vapor barrier continuously over the butyl tape adhesive on the wall substrate without stretching and allow it to curve downwards into the structural gap.

Figure 6

16. Assemble the corner cover plate by inserting the watertight pan head screw into the pre-drilled holes, thread the centering half bar loosely onto each screw with rounded domes facing upward towards the cover plate.

Figure 7

17. Place the corner cover plate assembly firmly into position against the wall over the drilled holes and vapor barrier with all the centering bars running parallel along the joint. Rest the horizontal base leg of the corner cover plate firmly on the frame's vinyl gasket. SLOWLY tighten each screw, which will rotate the centering half bar towards the frame channel. As the screw draws the centering half bar towards the plate, the buttons on each end of the centering half bar will engage inside the radius channel of the frame. Secure the corner cover plate using an M6 x 50mm Flat head screw.

18. Apply sealant (by others) on the flush wall cover plate slot.

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Fig. 8 (*Counter Flashing Installation*)

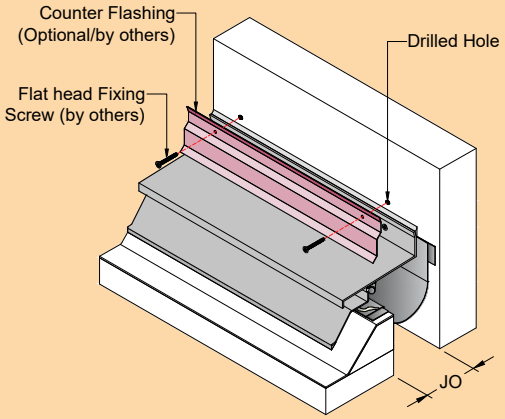

Figure 8 (Optional: Flashing/by others)

19. Place the counterflashing firmly against the wall over the corner cover plate. Mark and drill the marked holes on the substrate.

20. Return the counterflashing over the flush wall corner cover plate and secure in place using flat head fixing screws.

Figure 9

21. Apply sealing patch over the screw heads for protection from moisture and corrosion.

22. For completion of installation, apply sealant on the counterflashing slot and clean all the exposed surfaces with non-solvent cleaner as required.

Fig. 9 (*Completed Installation*)