



ACCULINE

Install Instructions

100 Series Wall/Ceiling
Expansion Joint Systems

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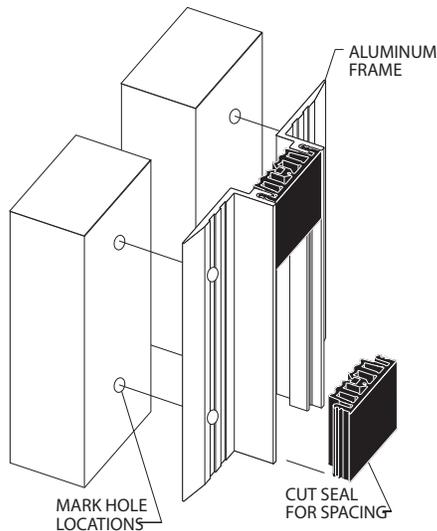


Installation Instructions

Joint System: 101-A07/A09

Note: Verify that the structural gap is 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 (101-A07 Wall to Wall shown)



1. Install the architectural joint system on a level wall surface. Additional shims may be required to raise the tops of the frames.

Figure 1

2. Cut the aluminum frames to the desired length.
3. To properly space frames, cut three small 2" [50mm] sections of seal. Insert one at each end and one in the center of each set of frames.
4. Center the frames over the structural gap. Align plumb.
5. Mark the pre-drilled hole locations on the substrate.
6. Remove the frame assembly from the gap.

Fig. 2

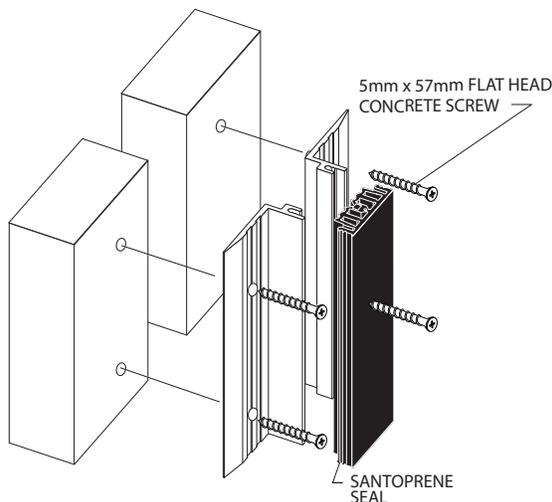


Figure 2

7. Drill holes on the substrate using a 1/8" (3mm) concrete drill bit to 2 3/8" (60mm) depth.
8. Return the frame assembly into position over the drilled hole locations. Secure the frames in place and remove the temporary spacers.
9. Press the Santoprene seal into the recessed slots of the frames until the seal is flush with the tops of the frames.

NOTE: To assist in installing the seal, apply a mist of soapy water solution to the back of the seal. A 1" [25mm] wide seam roller may be used to fully engage the seal ears into the frame slots.

IPC.818/REV.2

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Installation Instructions

Joint System: 101-A07/A09

Fig. 3 (101-A07 Wall to Wall completed installation)

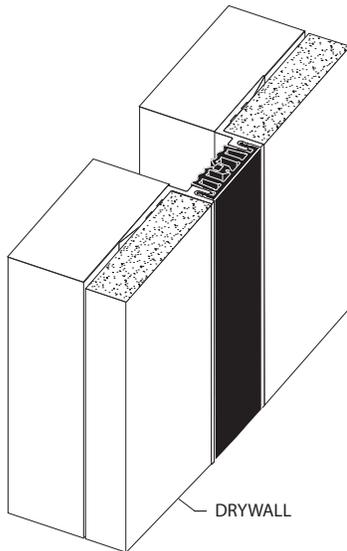
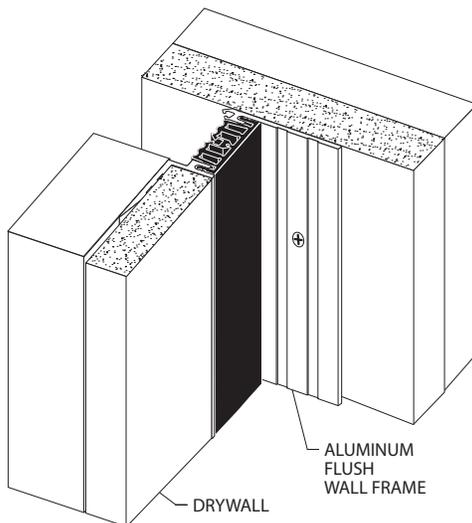


Figure 3

10. Install drywall flush to edge of frames. Clean the exposed surfaces with a non-solvent cleaner, such as 409, as required.

(101-A09 Wall to Corner completed installation)



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Joint System: 104-A07/A09

Note: Verify that the structural gap is 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 (104-A07 Wall to Wall shown)

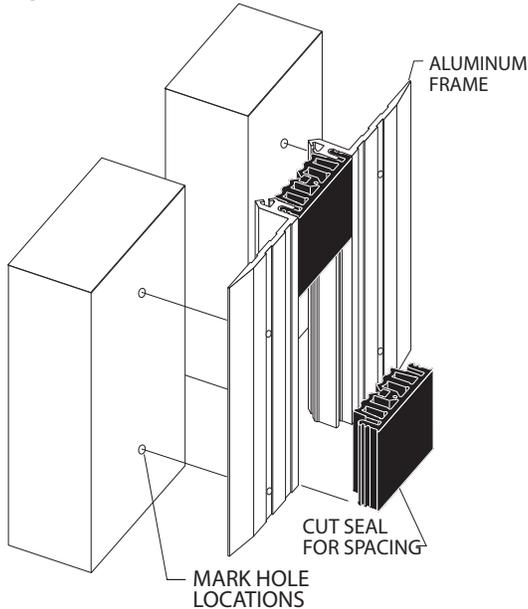
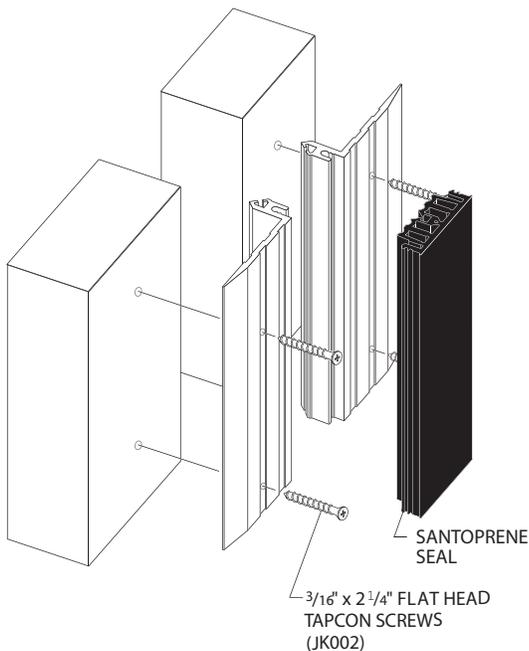


Fig. 2



1. Install the architectural joint system on a level wall surface. Shims may be required to raise the tops of the frames.

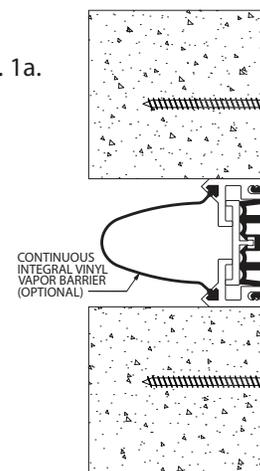
Figure 1

2. Cut the aluminum frames to the desired length.
3. To properly space frames, cut three small 2" [50mm] sections of seal. Insert one at each end and one in the center of each set of frames.
4. Center the frame assembly over the structural gap. Align plumb.
5. Mark the pre-drilled hole locations on the substrate.
6. Remove the frame assembly from the gap.

Figure 2

7. Drill holes on the substrate using a 1/8" (3mm) concrete drill bit to 2 3/8" (60mm) depth.
 - 7a. Optional Integral Vapor Barrier: Starting at one end of the frame assembly, slide vapor barrier into dart receptacles (see Figure 1a).
8. Return the frame assembly into position over the drilled hole locations. Secure the frames in place and remove the temporary spacers.
9. Press the Santoprene seal into the recessed slots of the frames until the seal is flush with the tops of the frames.

Fig. 1a.



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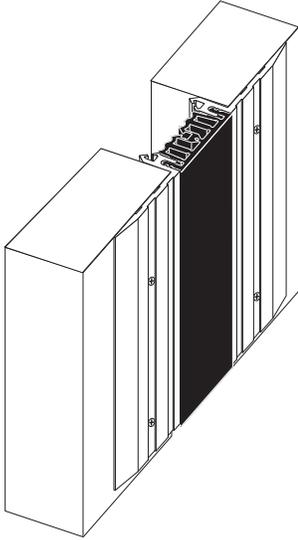
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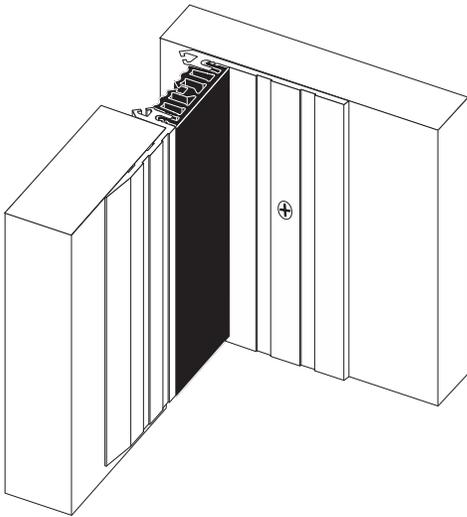
Installation Instructions

Joint System: 104-A07/A09

Fig. 3
(104-A07 Wall to Wall completed installation)



(104-A09 Wall to Corner completed installation)



NOTE: To assist in installing the seal, apply a mist of soapy water solution to the back of the seal. A 1" [25mm] wide seam roller may be used to fully engage the seal ears into the frame slots.

Figure 3

10. Clean the exposed surfaces with a non-solvent cleaner, such as 409, as required.

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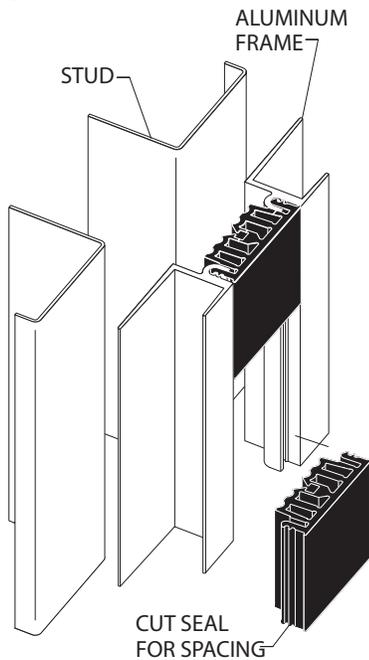
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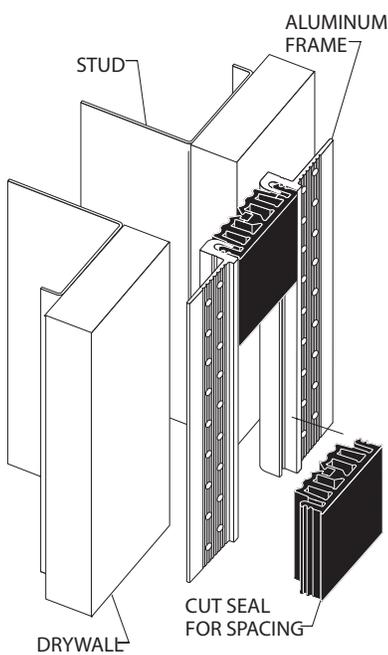
Joint System: 112, 113, 113A-A07/A09

Note: Verify that the structural gap is 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 (112-A07 Wall to Wall shown)



(113-A07 Wall to Wall shown)

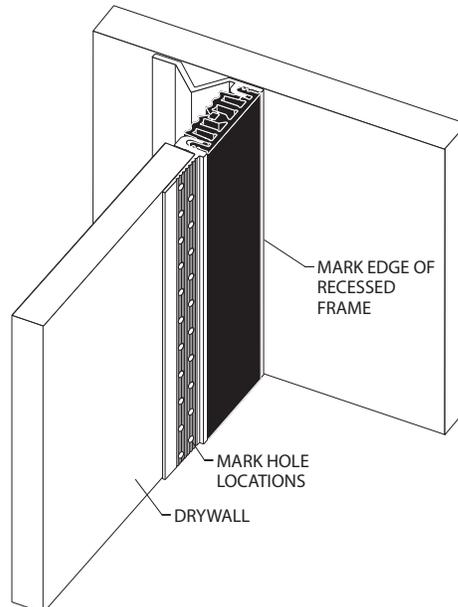


1. Install the architectural joint system on a level wall surface. For 112 systems, this may require shims between metal stud and aluminum frame. For 113 systems, even drywall with leveling compound to raise the tops of the frames.

Figure 1

2. Cut the aluminum frames to the desired length.
3. To properly space frames, cut three small 2" [50mm] sections of seal. Insert one at each end and one in the center of each set of frames. With the pre-assembled 113A-A07 system, insert the entire assembly into the gap.
4. Center the frame assembly over the structural gap. Align plumb.
 - 4a. For wall to corner systems, place the assembly into the structural gap so the recessed frame is firmly against the corner wall. Align plumb, making sure the tops of the frames are level. Transfer the location of the top edge of the recessed frame to the wall using a marker. For proper spacing on the 113 series, several mounting holes on the wall frame should also be marked (see Figure 1a).

Fig. 1a (113-A09 Wall to Corner shown)



IPC.810/REV.4

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Installation Instructions

Joint System: 112, 113, 113A-A07/A09

Fig. 2 (112-A07 Wall to Wall shown)

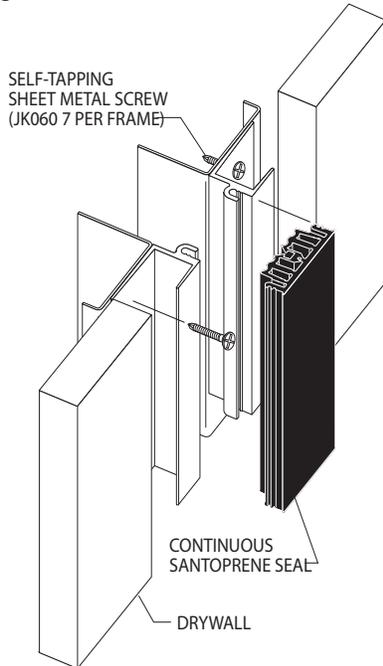


Fig. 3 (112-A07 Wall to Wall)

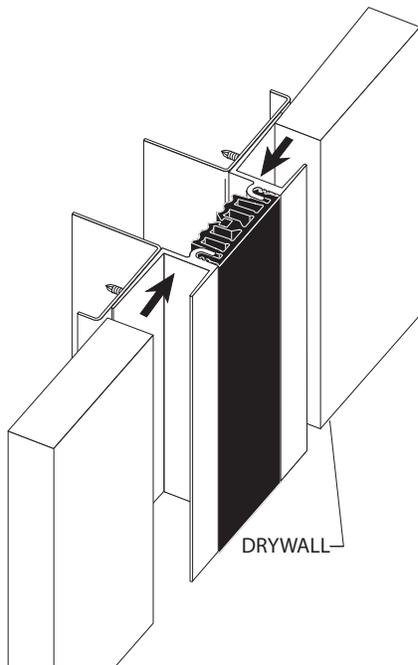


Figure 2

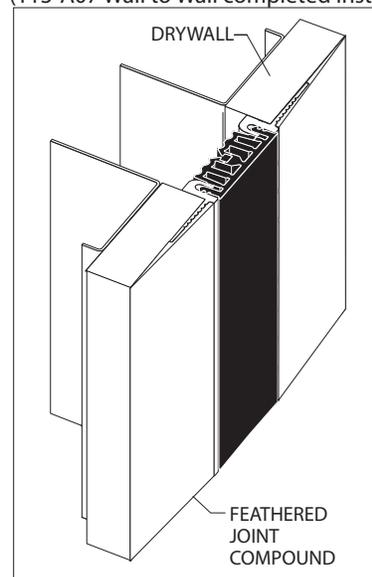
5. Drill holes through the frames into substrate approximately 18" [457] on center starting 6" [253mm] from each end.
 - 5a. Secure 112 system frames using JK060 self tapping sheet metal screws.
 - 5b. Secure 113 system frames using JK061 self tapping sheet metal screws.
6. Remove the temporary spacers.
7. Press the Santoprene seal into the recessed slots of the frames until the seal is flush with the tops of the frames.

NOTE: To assist in installing the seal, apply a mist of soapy water solution 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

8. For 112 systems, insert drywall into the wall frame. For 113 systems, feather joint compound away from wall frame edge to smooth adjacent finishes. Clean the exposed surfaces with a non-solvent cleaner, such as 409, as required.

(113-A07 Wall to Wall completed installation)



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Installation Instructions

Joint System: 114-A07/A09

Note: Verify that the structural gap is 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 (114-A07 Wall to Wall shown)

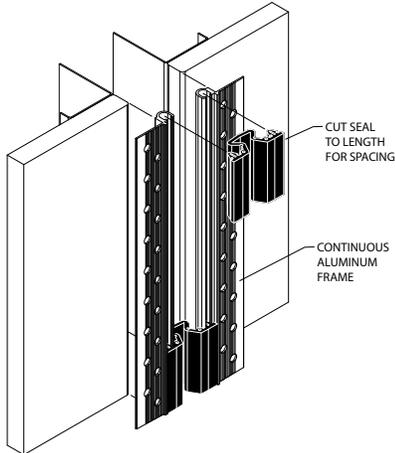


Fig. 2

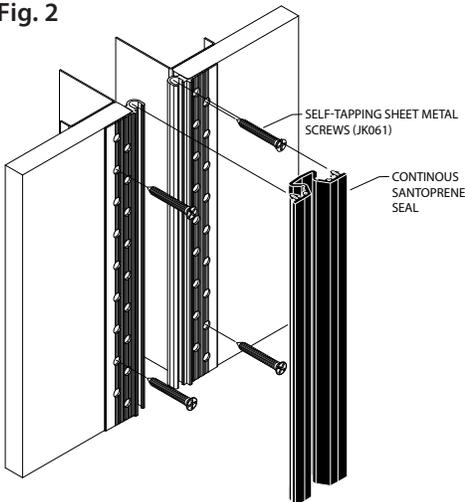
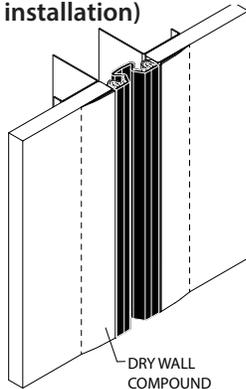


Fig. 3

(114-A07 Wall to Wall completed installation)



1. Install the architectural joint system on a level wall surface. This may require adding leveling compound to raise the tops of the frames.

Figure 1

2. Cut the aluminum frames to the desired length.
3. To properly space frames, cut three small 2" [51mm] sections of seal. Insert one at each end and one in the center of each set of frames.

4. Center the frame assembly over the structural gap. Align plumb.

4a. For wall to corner systems, place the assembly into the structural gap so the recessed frame is firmly against the corner wall. Align plumb, making sure the top of the pre-cut spacer is level. Transfer the location of the top edge of the recessed frame to the wall using a marker. For proper spacing, several mounting holes on the wall frame should also be marked.

Figure 2

5. Drill holes through the frame into substrate approximately 18" [547mm] on center starting 6" [243mm] from each end. Secure using JK061 self tapping sheet metal screws.

6. Remove the temporary spacers.

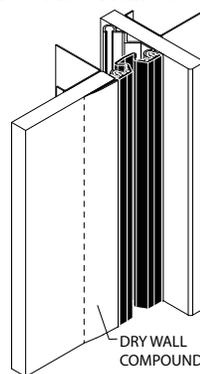
7. Press the Santoprene seal into the recessed slots of the frames until the seal is flush with the tops of the frames.

NOTE: To assist in installing the seal, apply a mist of soapy water solution to the back of the seal. A 1" [25mm] wide seam roller may be used to fully engage the seal ears into the frame slots.

Figure 3

8. Feather joint compound away from frame edges to smooth adjacent finishes. Clean the exposed surfaces with a non-solvent cleaner, such as 409, as required.

(114-A09 Wall to Corner completed installation)



IPC.904/REV.2

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Installation Instructions

Joint System: 118 - A07/A09

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

Fig. 1

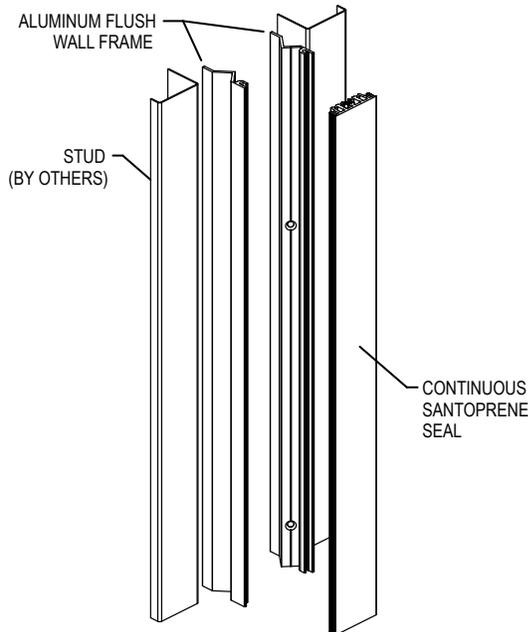


Fig. 1

1. Remove joint components from the packaging taking care not to damage exposed surfaces of the profile materials. The Architectural Joint System supplied should be installed in a smooth and plumb opening.
2. Cut the aluminum components to the desired length.
3. Place the aluminum wall frames against the stud on the inside face of the structural gap so that the outside frame face flush with the finished wall face.
4. The frames have pre-drilled holes for the placement of mounting hardware. Pre-drill the studs in the structural gap at these hole locations.

Fig 2

7. Secure the frames in place with JK061 Sheet Metal Screws.
8. Note, for inside corners or restricted gap access, frames may be secured in place with contractor furnished epoxy adhesive instead of mechanical fasteners.
9. Press the Santoprene seal in to the recessed slots of the frame until the seal is flush with the face of the wall. Fig. 3 & 3a.
11. Clean exposed surfaces with non-solvent cleaner as required.

Fig. 2

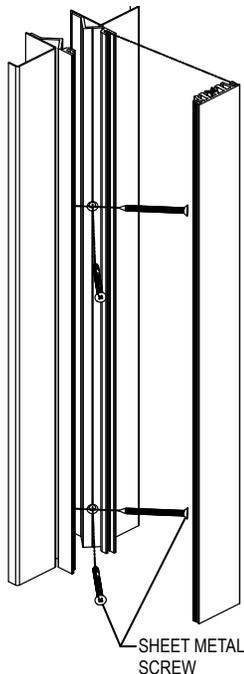


Fig.3
118-A07 (Wall to Wall)
Finished Install

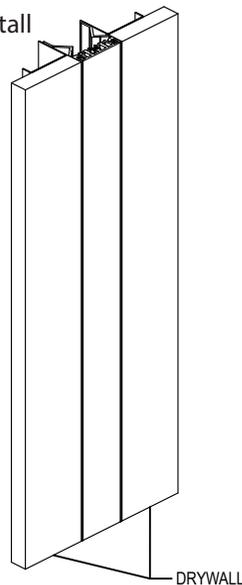


Fig.3a
118-A09 (Wall to Corner)
Finished Install

