

600 Series Installation Instructions

Wall/Ceiling Seismic Systems with Elastomeric Seal

Joint Systems:611-A07/A09, 615-A07/A09

Material must be stored in a clean, dry location.

611-A07/A09

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

1. Remove joint components from the packaging taking care not to damage exposed surfaces of the profile materials.
2. The Architectural Joint System supplied should be installed in a smooth and plumb opening.
3. Cut the aluminum components to the desired length.
4. Place the aluminum wall frames against the inside face of the structural gap so that the outside frame face is recessed 1/4" (6mm) behind the finished wall face.
5. The frames have pre-drilled holes for the placement of mounting hardware. Transfer the location of these holes to the substrate using a marker.
6. Remove the frames from the structural gap opening.
7. Drill all marked holes at a 45° angle to the substrate.
8. For exterior applications, apply a continuous bead of sealant (contractor furnished) along the inside faces of the substrate. Return the frames in position over the drilled hole locations. Secure the frames in place with contractor furnished hardware.
9. Note, for inside corners or restricted gap access, frames may be secured in place with contractor furnished epoxy adhesive instead of mechanical fasteners.
10. Press the Santoprene seal in to the recessed slots of the frame until the seal is flush with the face of the wall.
11. The Architectural Joint System has now been successfully installed. Clean exposed surfaces with non-solvent cleaner as required

615-A07/A09

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

1. Remove joint components from the packaging taking care not to damage exposed surfaces of the profile materials.
2. The Architectural Joint System supplied should be installed in a smooth and plumb opening.
3. Cut the aluminum components to the desired length.
4. Place the aluminum wall frames against the inside face of the structural gap so that the outside frame face is recessed 1/4" (6mm) behind the finished wall face.
5. The frames have pre-drilled holes for the placement of mounting hardware. Transfer the location of these holes to the substrate using a marker.
6. Remove the frames from the structural gap opening.
7. Drill all marked holes at a 45° degree angle to the substrate.
8. Snap or slide the continuous backseal in to the dart receptacles on the back of the frame.
9. Apply a continuous bead of sealant (contractor furnished) along the inside faces of the substrate. Return the frames in position over the drilled hole locations. Secure the frames in place with contractor furnished hardware.
10. Note, for inside corners or restricted gap access, frames may be secured in place with contractor furnished epoxy adhesive instead of mechanical fasteners.
11. Press the exterior Santoprene seal in to the recessed slots of the frame until the seal is flush with the face of the wall.
12. The Architectural Joint System has now been successfully installed. Clean exposed surfaces with non-solvent cleaner as required.

600 Series Installation Instructions

Wall/Ceiling Seismic Pantograph System with Elastomeric Seals

Joint Systems:616-A07/A09

Material must be stored in a clean, dry location.

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

1. Remove joint and pantograph components from the packaging taking care not to damage exposed surfaces of the profile materials.
2. The Architectural Joint System supplied should be installed in a smooth and plumb opening.
3. Cut the aluminum frame components to the desired length.
4. Measure $\frac{1}{4}$ " (6mm) back from the finished exterior wall face and mark a plumb vertical line on the two inside faces of the joint. These lines will mark the locations of the front face of the side frames.
5. Measure $4\frac{3}{8}$ " (110mm) back from the finished exterior wall face and mark a plumb vertical line on the two inside faces of the joint. These lines will mark the locations of the front face of the pantograph.
6. Starting approximately 18" (450mm) from the base of the wall, sandwich pantoclip upstand between two back to back center frames. Drill $\frac{1}{8}$ " (3mm) holes through both frames at the top and bottom of the upstand. Secure in place using no. 10 x $\frac{1}{2}$ " self tapping screws supplied in J6K100 kit. Subsequent pantoclips should be located approximately every 5' 0" on center vertically.
7. Insert one $\frac{1}{4}$ -20 x $\frac{3}{4}$ " hex head machine screw through the back of the pantoclip and through the pre-drilled hole in the pantograph. Secure with a nylon washer and lock nut.
8. Attach one hinge to each side of the pantograph by placing one hinge leaf in between the pantograph frames. Secure with $\frac{1}{4}$ -20 x $\frac{3}{4}$ " hex head machine screw followed by nylon washer and lock nut.
9. Place the pantograph/center frame assembly in to the joint and expand pantograph to width of structural gap. Align the front face of the pantograph with the innermost vertical line marks on the inside joint face. Transfer the locations of the pre-drilled holes in the hinges to the walls.
10. Remove the pantograph assembly from the opening.
11. Drill all marked holes on the walls using a $\frac{3}{16}$ " (5mm) concrete drill bit. Holes should be drilled $1\frac{3}{4}$ " (44mm) deep.
12. Return the pantograph/center frame assembly to the joint and position hinges over the drilled hole locations. Secure the hinges to the wall with one $\frac{1}{4}$ " x $1\frac{3}{4}$ " hex head concrete screw for each hole.
13. Place the aluminum wall frames against the inside face of the structural gap so that the outside frame face aligns with the mark $\frac{1}{4}$ " (6mm) behind the finished wall face.
14. The frames have pre-drilled holes for the placement of mounting hardware. Transfer the location of these holes to the substrate using a marker.
15. Remove the frames from the structural gap opening.
16. Drill all marked holes at a 45° degree angle to the substrate.
17. Apply a continuous bead of sealant (contractor furnished) along the inside faces of the substrate. Return the frames in position over the drilled hole locations. Secure the frames in place with contractor furnished hardware.
18. Snap the continuous backseals in to the dart receptacles on the back of the frames.
19. Starting from the center frames, press the exterior Santoprene seals in to the recessed slots of the frames until the seals are flush with the face of the wall.
20. The Architectural Joint System has now been successfully installed. Clean exposed surfaces with non-solvent cleaner as required.