

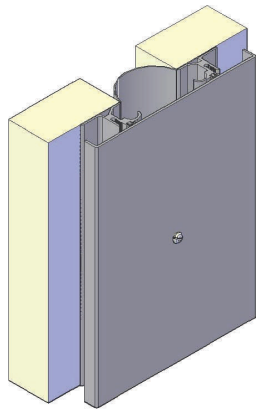
9W & 9WC Expansion Joint Cover Models

Installation Instructions

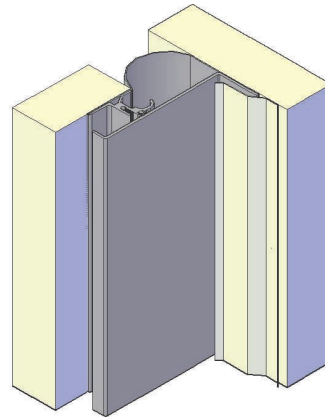
The following installation instructions are very important. Read them carefully, and be sure you understand them completely before you begin any work. Refer to Balco shop drawings for placement dimensions and anchor spacing.

Parts:

A. Base Member B. Cover Plate C. V3R-O D. Centering Bar E. Centering Bar Bolt
F. Neoprene Washer (NW14) G. Anchors H. Cover Splice I. Base Splice



9W-(X)



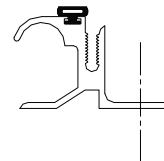
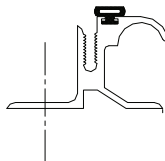
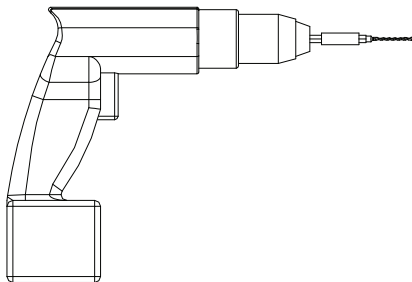
9WC-(X)

Step 1: Drill Base Member Anchor Holes

Mark and drill the anchor holes on the base members. Anchors should be spaced a maximum of 3" (76mm) from each end of each base member extrusion. Reference Balco approved shop drawings for O.C. anchor spacing requirements.

If fire barrier is to be installed with the expansion joint cover, anchor hole spacing for the expansion joint cover should reflect the fire barrier's anchor spacing requirements.

- ◆ Repeat for each successive base member and opposite side of joint for wall-to-wall models.

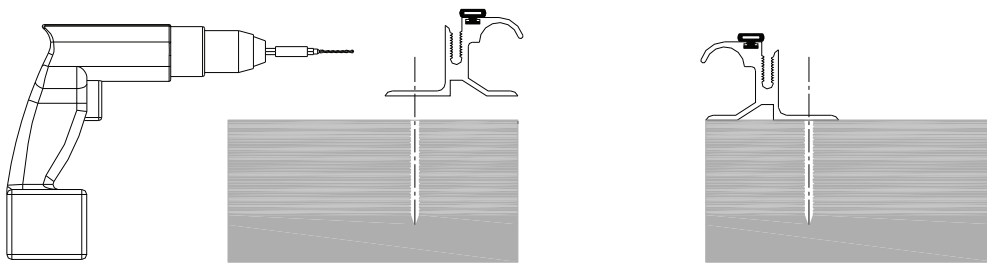


Step 2: Drill Substrate Anchor Holes

Using the previously drilled base members as a template, mark and drill the substrate anchor hole locations. Take care to ensure that the base member is level and properly aligned before marking and drilling anchor hole locations.

Important Note:

For installations exposed to significant daily or seasonal temperature changes, it is necessary to leave a gap between adjoining base member extrusions. This gap allows for thermal expansion. An 1/8" gap is recommended for extrusions 10'-0" in length or less; a 1/4" gap is recommended for extrusions exceeding 10'-0" in length. Fill the gap between base members with silicone sealant after securing to the substrate.

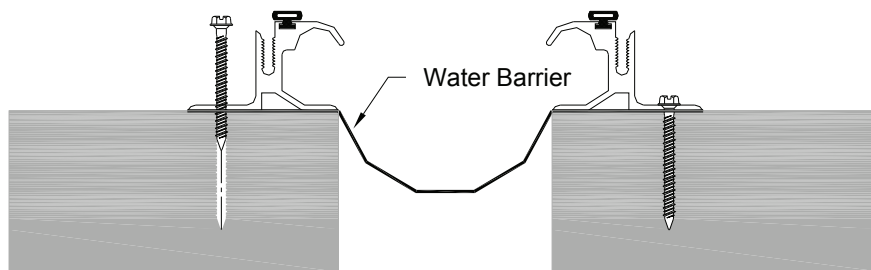
**Step 3: Install Fire Barrier (If Required) & Water Barrier**

Install fire barrier (if required) and water barrier (provided) at this time. Reference the product specific installation instructions for information regarding the installation of these products.

Step 4: Secure the Base Members to the Installation Surface

Select a section of base member and place it into its installed position over the water barrier. Secure the base member to the installation surface using the factory provided anchors.

- ◆ Repeat for each successive base member and opposite side of the joint for wall-to-wall models.

**Step 5: Attach Base Member Splice Covers**

Place a continuous bead of silicone sealant on each end of each mating section of base member. Select a factory provided base member splice cover and firmly press the cover onto the sealant. This procedure is designed to seal the base member splice.

Step 6: Install Centering Bar (If Applicable)

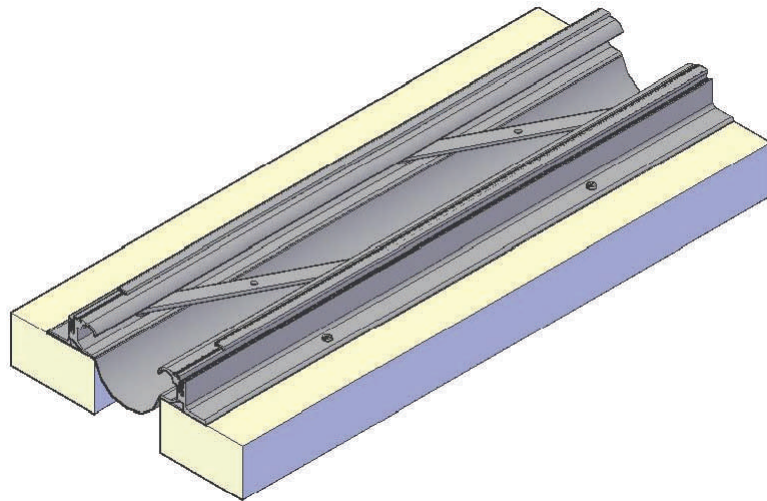
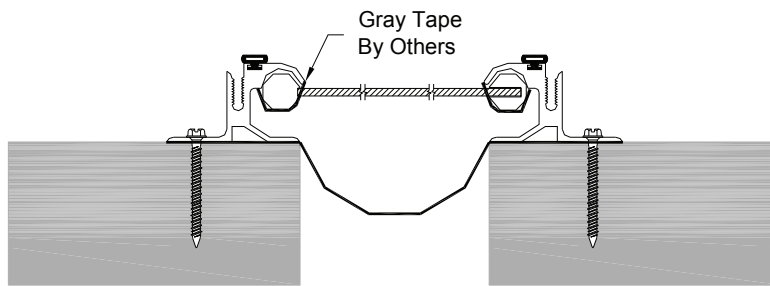
Centering bars will be provided with all 9W models. Some 9WC models, depending on joint size, will also be provided with centering bars. Reference Balco approved shop drawings for model specific requirements.

Select the section of cover plate being installed and the appropriate number of centering bars. Each bolt hole on the cover plate requires (1) centering bar and (1) centering bar bolt.

Using the cover plate's predrilled bolt holes to determine spacing, attach the centering bars to the installed base members with a minimal amount of gray tape (not included). Be sure that the centering bars spheres are properly aligned in the base members' raceway.

- ◆ Repeat as necessary until all successive centering bars have been installed.

Centering bars must be installed parallel to one another.



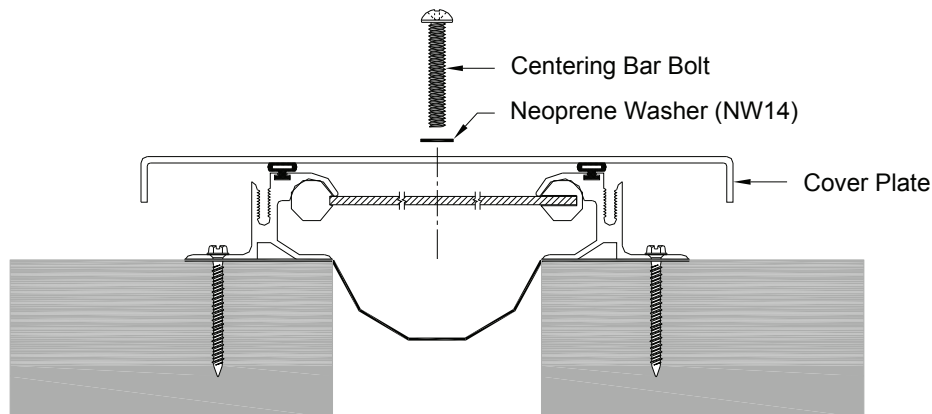
Step 7: Attach the Cover Plate**Important Note:**

For installations exposed to significant daily or seasonal temperature changes, it is necessary to leave a gap between adjoining cover plates. This gap allows for thermal expansion. An 1/8" gap is recommended for extrusions 10'-0" in length or less; a 1/4" gap is recommended for extrusions exceeding 10'-0" in length.

Step 7.1a: Cover Plate Installations for 9W Models:

Select a section of cover plate and place it into its installed position. Secure the cover plate to each centering bar using the factory provided centering bar bolts and neoprene washers. Bolts should be tightened by hand. Do not over tighten. Ensure that the required gap is provided between each successive section of cover plate.

Vertical Installations: In the gap between successive sections of cover plate, attach a #10 x 5/8" machine screw to the base member's raceway so that the cover plate rests on the body of the screw and the head of the screw is on top of the cover plate. This will help to ensure that the upper cover plate section does not slide down over the cover plate section below it.

**Step 7.2a: Attach the Cover Plate Splice Cover**

Place a continuous bead of silicone sealant (by others) across the entire width of each end of the mating cover plate sections. The sealant must be positioned so that it will form a seal under the cover plate splice cover.

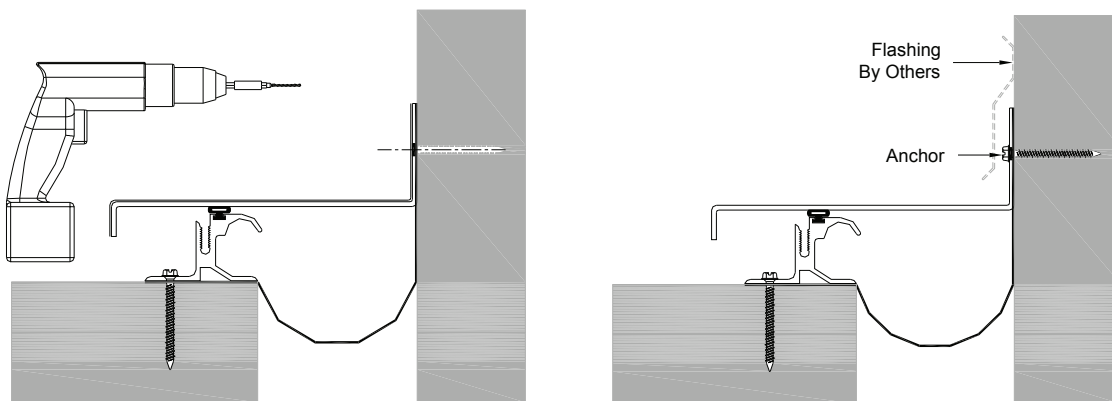
Select a factory provided splice cover and center it over the splice location. Press the splice cover firmly onto the silicone sealant. This procedure is designed to seal the splice cover.

Step 7.1b: Cover Plate Installations for 9WC Models:

Select a section of cover plate and place it into its installed position against the wall. While ensuring that the cover plate is level and properly aligned, mark and drill the anchor locations on the wall. Anchors should be spaced a maximum of 3" (76mm) from each end. Reference Balco approved shop drawings for O.C. anchor spacing requirements.

- ◆ Repeat for each successive section of cover plate being installed.

Secure the cover plate to the wall using the factory provided anchors.



Step 7.2b: Attach the Cover Plate Splice Cover

Place a continuous bead of silicone sealant (by others) across the entire width of each end of the mating cover plate sections. The sealant must be positioned so that it will form a seal under the cover plate splice cover.

Select a factory provided splice cover and center it over the splice location. Press the splice cover firmly onto the silicone sealant. This procedure is designed to seal the splice cover.
