

6000 Series Wall & Ceiling Systems

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 (w/ KTC Clips)

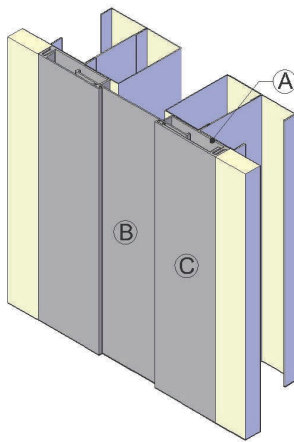
B. Center Plate

C. Cover Plate

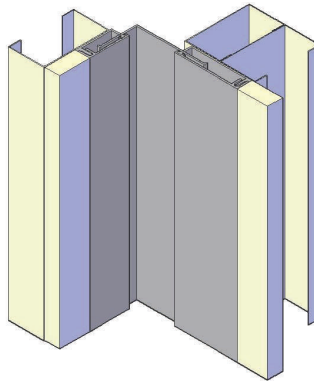
B. D. 6106CL (6GWFC / 6TWFC Models)

E. Gasket

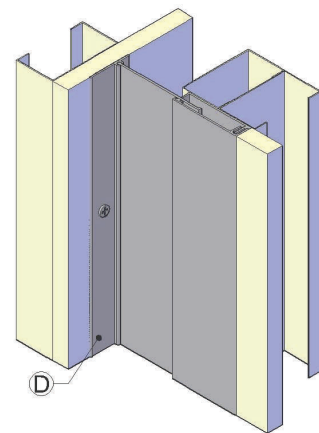
F. Anchors



6GW-(X)



6GWC-(X)

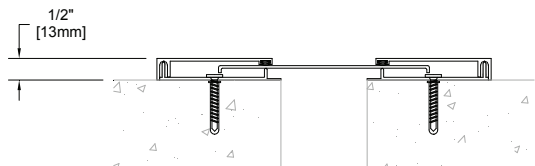


6GWFC-(X)

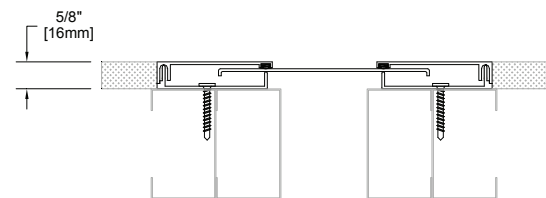
Important Note:

- ♦ 6000 series wall and ceiling systems are available in two sub-channel thicknesses. These instructions illustrate typical details for the 6GW / 6GWC type. Instructions for the 6TW / 6TWC models are similar.

⇒ **6TW / 6TWC:** Sub-channel height = 1/2" (13mm)



⇒ **6GW / 6GWC:** Sub-channel height = 5/8" (16mm)



Step 1: Drill Base Member Anchor Holes

Select one base member extrusion for installation and drill the anchor holes. Anchor holes must be spaced a maximum of 3" from each end. Reference Balco approved shop drawings for O.C. anchor spacing requirements.

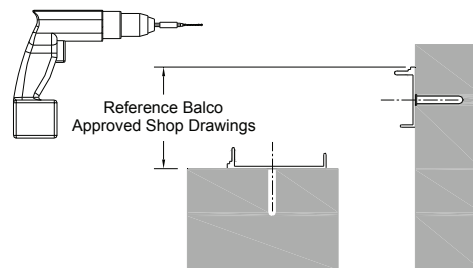
If fire barrier is to be installed with the expansion joint cover, anchor hole spacing should reflect fire barrier anchor spacing requirements.

- ◆ Repeat as necessary for each subsequent and opposite base member.

Step 2: Drill Substrate Anchor Holes *(Applies to Masonry / Concrete Installations Only)*

Using the drilled base member's anchor holes as a template, mark and drill the anchor hole locations on the concrete or masonry installation surface. For corner condition models, reference Balco approved shop drawings for mounting heights.

- ◆ Repeat as necessary for each subsequent and opposite base member



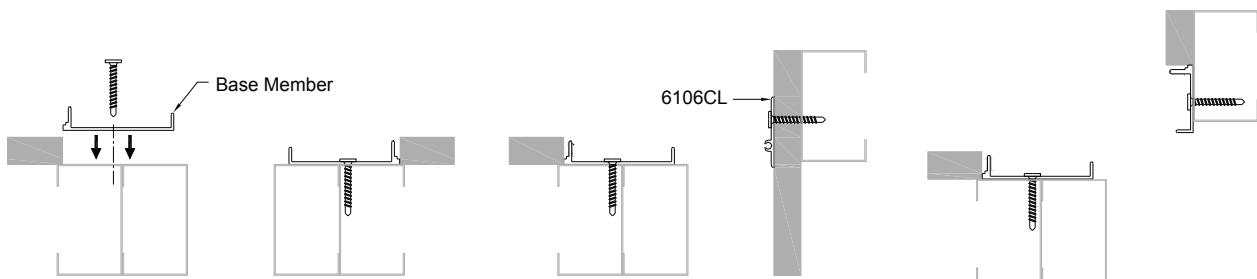
Step 3: Install Fire Barrier / Water Barrier *(If Applicable)*

If required, fire barrier or water barrier should be installed at this time. Reference the appropriate instructions for information on how to install these products.

Step 4: Attach Base Member

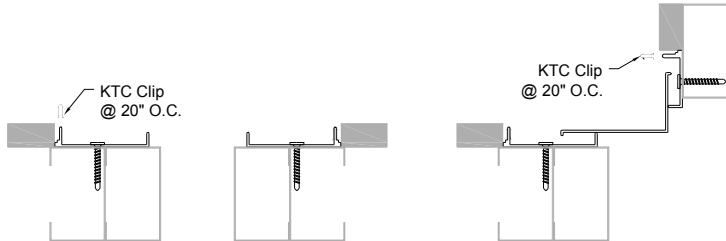
Select a base member and place it into position for installation. Ensuring that the base member is level, plumb, and aligned, attach the base member to the wall using the factory provided anchors. For gypsum board installation, ensure that the fasteners are attached to the studs in the wall or ceiling.

- ◆ Repeat as necessary for each subsequent and opposite base member.



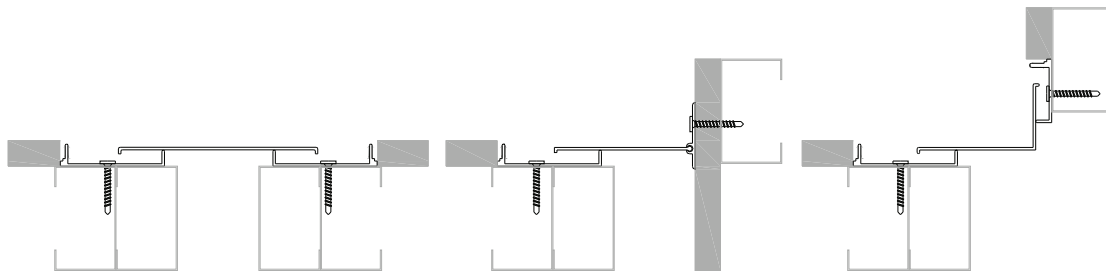
Step 5: Attach KTC Clip

If the KTC clips were not attached to the base members at the factory, attach them at this time. KTC clips should be spaced at 20" O.C.



Step 6: Install Center Plate

Select a center plate and place it into position for installation. Remove the center plate's protective film before proceeding.

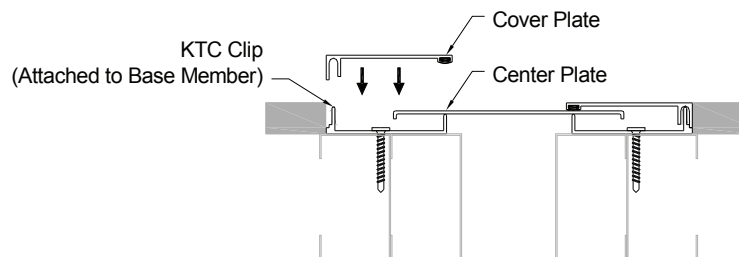


Step 7: Attach Cover Plate

Select a cover plate and place it into position over the installed base member and center plate. Ensuring that the center plate remains properly aligned and centered, partially engage the cover plate onto the base member's KTC clips.

Starting at one end of the assembly, begin tapping the cover plate until all of the base member's KTC clips are fully engaged with the cover plate extrusion.

- ◆ Repeat as necessary for each subsequent section and opposite cover plate.



Step 8: Remove Temporary Protective Film From Cover Plate