

# **PARTITION SYSTEMS**

## **World Wide Wall System**

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### **How to Install**

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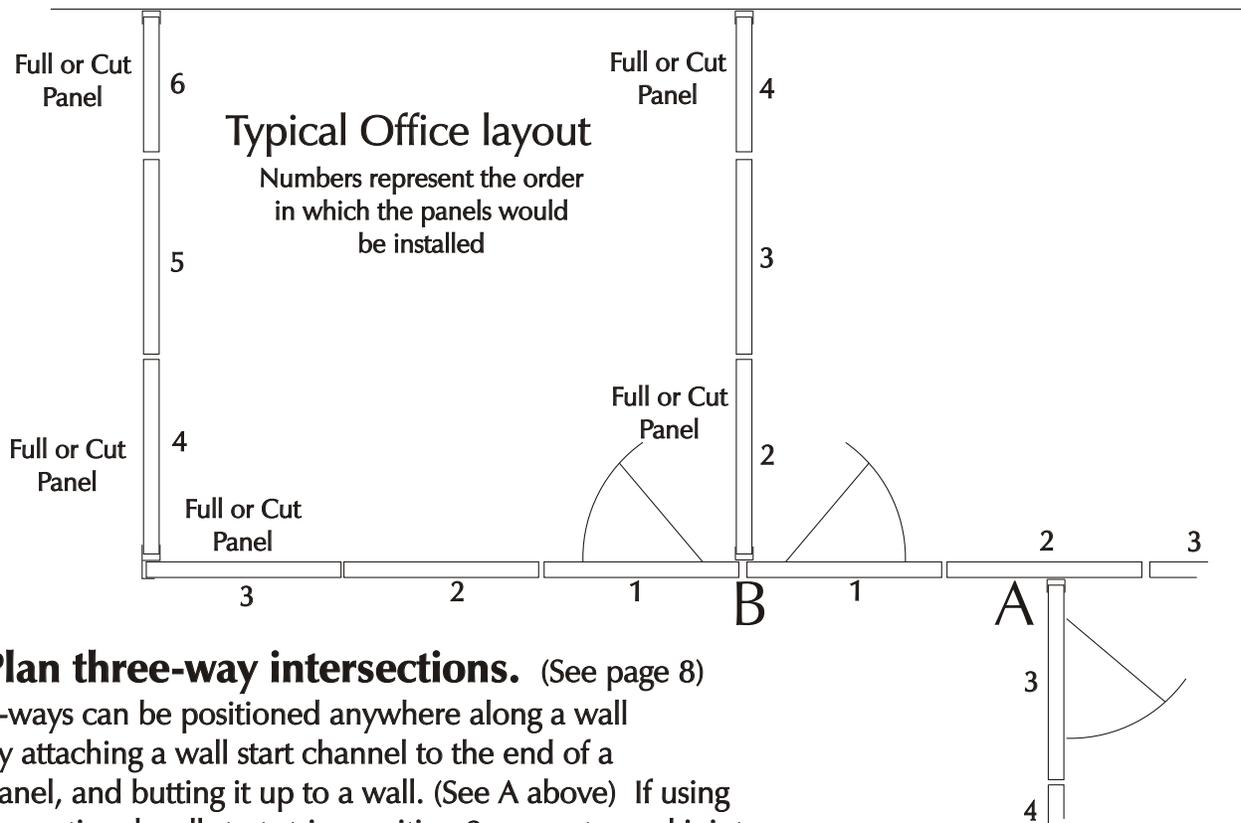
### STEP 1 - LAYOUT

#### 1. Plan the layout.

Walls must be laid out such that only panels at wall starts, 3-way intersections and corners may be cut down in width. Door panels should NOT be cut.

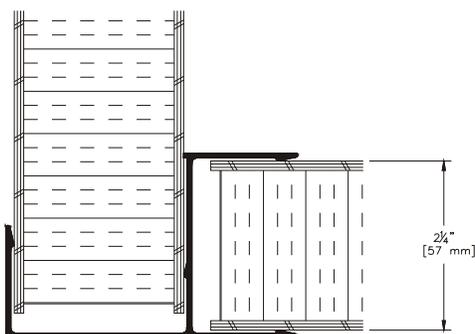
#### 2. Measure required lengths.

Solid panels are 48-1/2" wide from center of joint to center of joint. Measure layout to plan cut panels.



#### 3. Plan three-way intersections. (See page 8)

3-ways can be positioned anywhere along a wall by attaching a wall start channel to the end of a panel, and butting it up to a wall. (See A above) If using the optional wall start strip, position 3-ways at panel joints. (see B above) This will maximize re-useability by avoiding screw holes in panels.



90° ALUMINUM CORNER CHANNEL

#### 4. Plan corners.

Corners are a butt-type connection. One panel extends to the outside edge of the corner, and the other will butt up to it. (Shown at left) Both panels could be cut if desired.

### STEP 2 - TOP TRACK

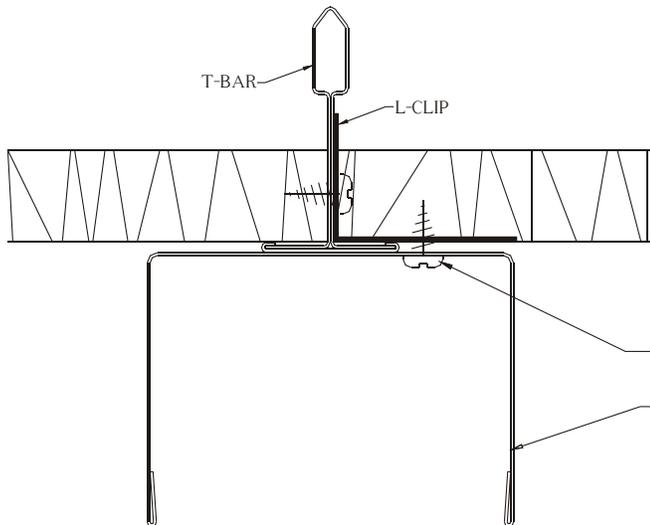
#### 1. Cut to fit

Measure and cut top track to fit layout measurements. The top track runs continuous over all panels including door and window panels. Cut top track using tin snips.

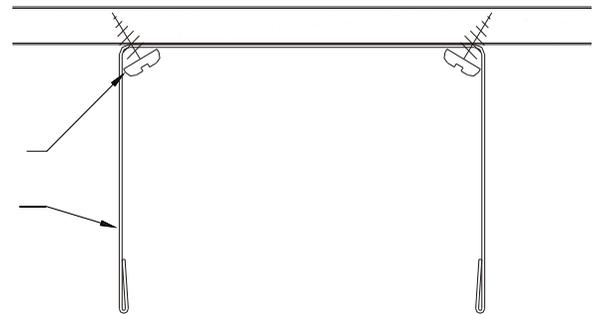
#### 2. Mark layout for top track.

Mark location of attachment to ceiling and pre-drill the holes in top track unless you are using self drilling screws.

Top Track Attached to T-bar  
Using L-clip or Caddy Clips



Top Track Attached  
to Drywall Ceiling

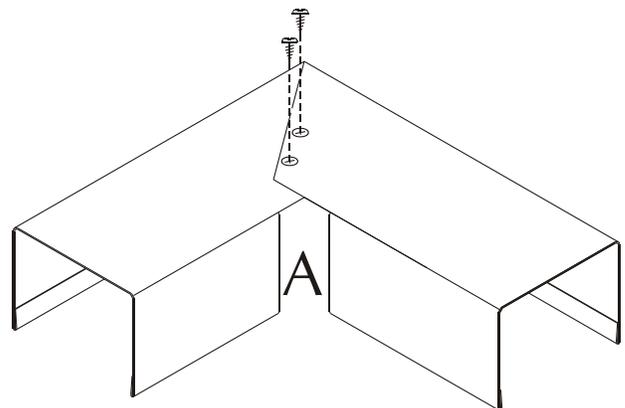


#### 3. Attach top track.

Screw top track to T-bar ceiling, using an L-clip. L-clips are used to prevent damage to T-bar ceiling. If attaching to drywall ceiling simply screw top track to ceiling. See drawings above. There should be a minimum of one attachment for every 4' of wall.

#### 4. How to corner a top track.

Cut the top track (with tin snips) as shown in the drawing to the right. The one track overlaps the other, notice the gap left between the tracks (See A). Fit together to make the required angle (90° or 45°) and fasten as shown.



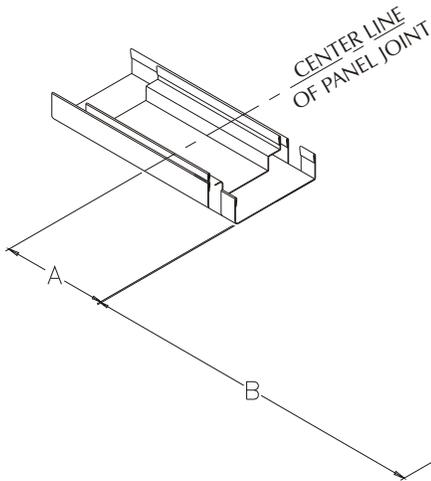
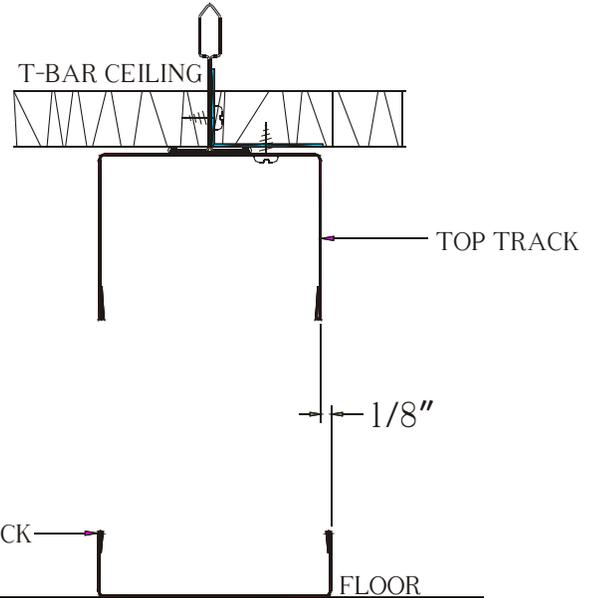
### STEP 3 - FLOOR TRACK

#### 1. Mark the location of floor track.

Using a plumb-bob or a laser level, on the side of the top track, mark the floor at each end. Offset the base track 1/8" and snap a chalk line. See drawing at right.

#### 2. Mark the door opening.

Measure the rough door opening and mark the floor at this location. (Shown below) When door panel is at a wall start add 1/2 " to dimension A.



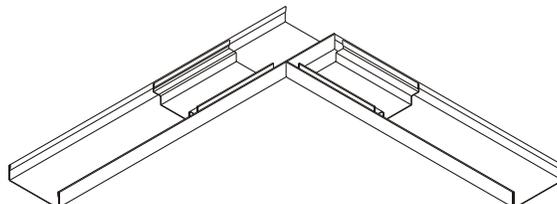
| DOOR WIDTH | DIMENSION A | DIMENSION B |
|------------|-------------|-------------|
| 2'-6"      | 8-9/16"     | 31-3/8"     |
| 2'-8"      | 7-9/16"     | 33-3/8"     |
| 3'-0"      | 5-9/16"     | 37-3/8"     |

#### 3. Measure and install the base track.

Measure the length the wall is to be and cut the base track to this length. To install up to a door opening always measure to the rough door opening marks you made in step 2. Align the base track with the chalk line, and secure it. To secure to carpet use velcro strip, to hard floor surface use sticky back tape or for a wooden type floor use screws.

#### 4. Base track at a corner.

To install base track around a corner, butt one end up to the wall, or end of the installed wall and the other track is butt up to it as shown in the drawing at the right.

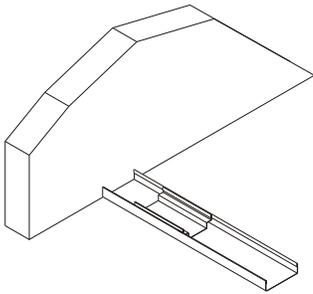




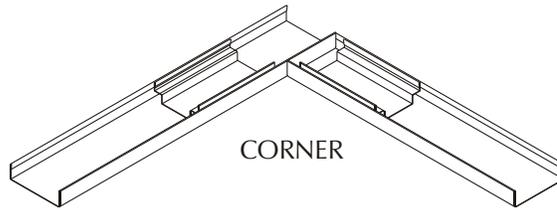
### STEP 4 - PANEL SHIMS

#### 1. Panel Shims

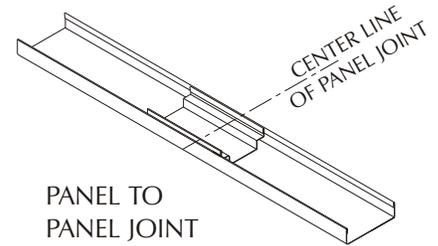
Place a panel shim inside the base track at a panel to an existing wall joint, on either side of a corner and on the center line of a panel joint.



EXISTING WALL TO PANEL JOINT



CORNER



PANEL TO PANEL JOINT

CENTER LINE OF PANEL JOINT

### STEP 5 - DOOR PANELS

#### 1. Cut panels to proper height.

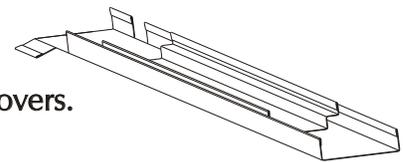
Door panels should be cut from the top.

The height of the panels are 1" to 1-1/2" less than the floor to ceiling height.

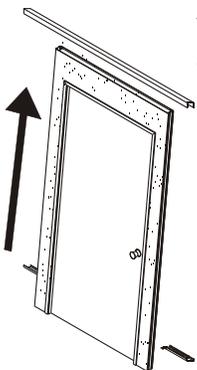
\*Measure door panel from bottom of panel, not from bottom of frame.

#### 2. Install door section.

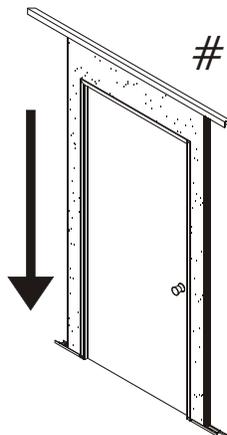
Bend down the tabs on the base track, on the side from which the door panel is to be installed. Remove the batten covers.



#1 Set door up into top track. Lift and swing door over base track.

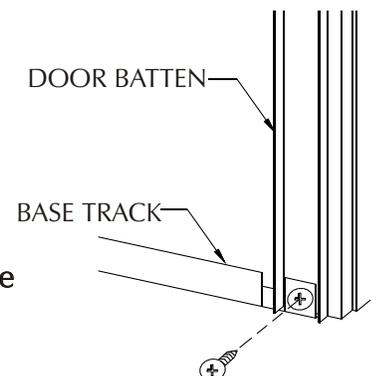


#2 The door frame should be positioned so that the tabs on the base track will be as shown in the drawing to the left. Lower the panel, ensuring that it fits inside of the panel shim.



#### 3. Secure door frame.

The door frame is secured to the base track with a screw as shown in the drawing to the right. Re-install batten covers.



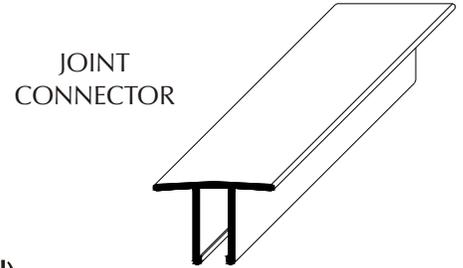
### STEP 6 - PANELS

#### 1. Cut panels to the proper height.

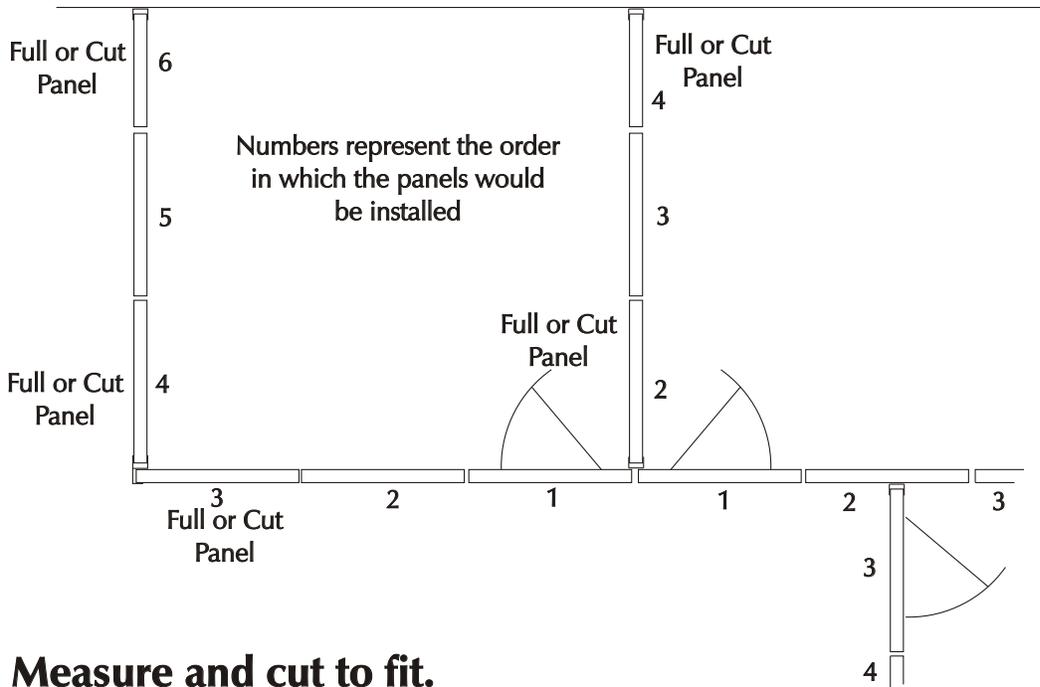
The height of the panels are 1" to 1-1/2" less than the floor to ceiling height. Solid panels should be cut from the bottom.

#### 2. Install the panels.

Follow the numbers in the layout below to know which panel comes next. Install each panel in the same manner as the door panel. Lift into top track, swing over base track and lower into place. Slide the panel tight to door section (or previous installed panel) and temporarily install part of a joint cover for stability. Continue installing panels in this manner following the numbers in the drawing below (see step 12 on how to install a joint cover).



#### Typical Office layout



#### 3. Measure and cut to fit.

Measure the remaining distance from the second last panel to the existing wall or end of the installed wall. Cut the last panel width to 3/4" less than the overall opening measured. Install same as previous panel. Panels can be cut with a hand saw, a knife or a circular saw (to cut through the PVC parts).

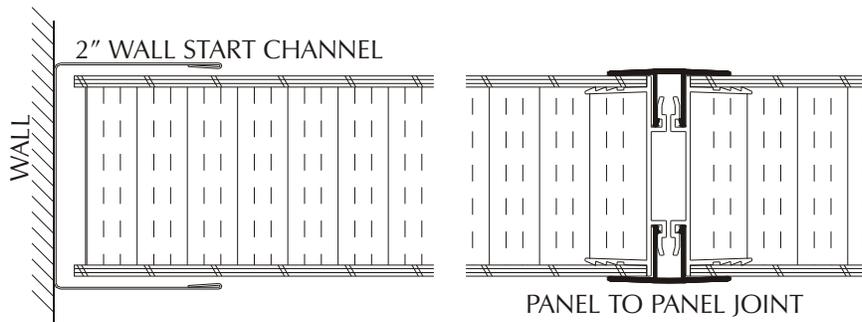
### STEP 7 - PANELS AT A WALL START

#### 1. Measure and cut.

Measure the distance from the bottom of the top track to the top of the base track. The wall start channel should fit between the two tracks. Steel channel can be cut with tin snips. This does not need to be a tight fit.

#### 2. Install wall start strip.

Slip the wall start channel onto the panel.



#### 3. Install the panel.

Lift into top track, swing over and lower into base track, be sure the panel sits inside the panel shim. Butt the panel with channel up to the wall. The steel wall start channel should slide down into the base track to give clearance at the top of the panel to snap the top trim to the top track.

### OPTIONAL WALL START

THIS MAY BE USED INSTEAD OF THE CHANNEL.



#### 1. Position wall start strip.

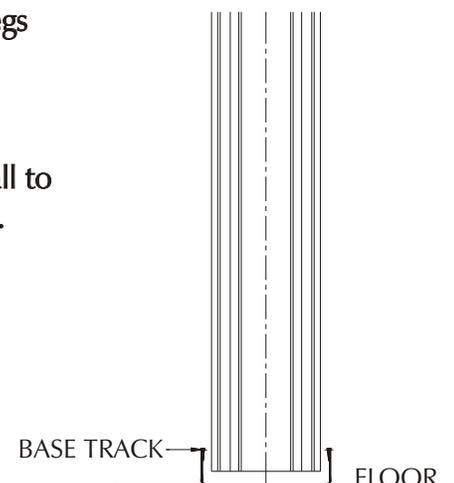
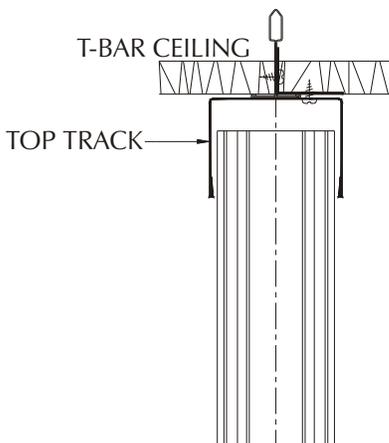
Center the wall strip between the legs of the top track (shown left) and the legs of the base track (shown right).

#### 2. Install wall start strip.

Wall start strips are used at existing wall to panel joints or three way intersections. While holding the wall strip in place, insert a screw every 2-3 feet.

#### 3. Install the wall start cover.

After the panel is installed, see Step 13.

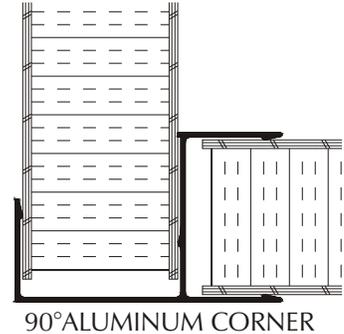




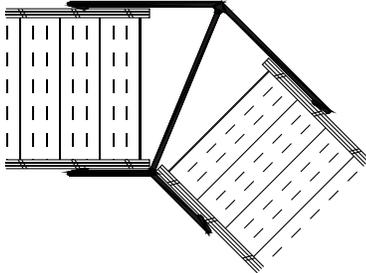
## STEP 8 - CORNERS

### 1. 90° Corners

Slip the 90° aluminum corner onto the first corner panel and inside the base track. The second corner panel is installed into the top and base tracks then slid into the aluminum corner. (See detailed steps below)



45°ALUMINUM CORNER



### 2. 45° Corners

Follow detailed steps for the 90° corner installation below.

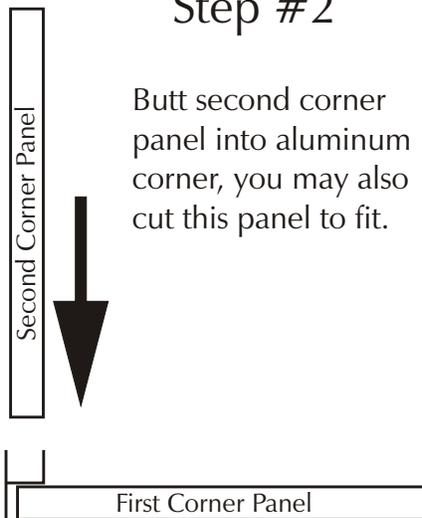
#### Step #1

Fit aluminum corner onto first corner panel, already installed. This panel may have been cut to fit to the required length of the wall according to layout.



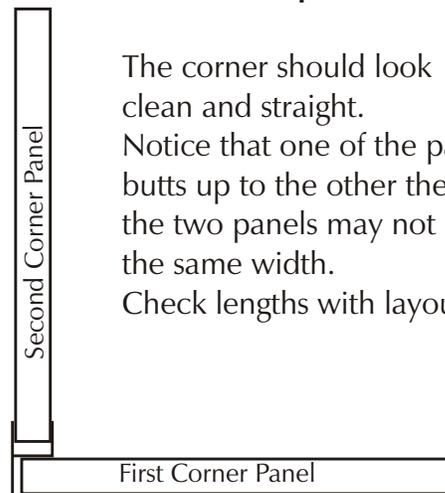
#### Step #2

Butt second corner panel into aluminum corner, you may also cut this panel to fit.



#### Step #3

The corner should look clean and straight. Notice that one of the panels butts up to the other therefore the two panels may not be the same width. Check lengths with layout.



### STEP 9 - THREE WAY INTERSECTIONS

**1. Install three-way intersection.**

A 3-way intersection is the same as a wall start. A 3-way intersection can be located at a joint or in the middle of a panel. We recommend, if using the optional wall start strip, the 3-way be located at a joint because a wall start strip needs to be fastened with screws.

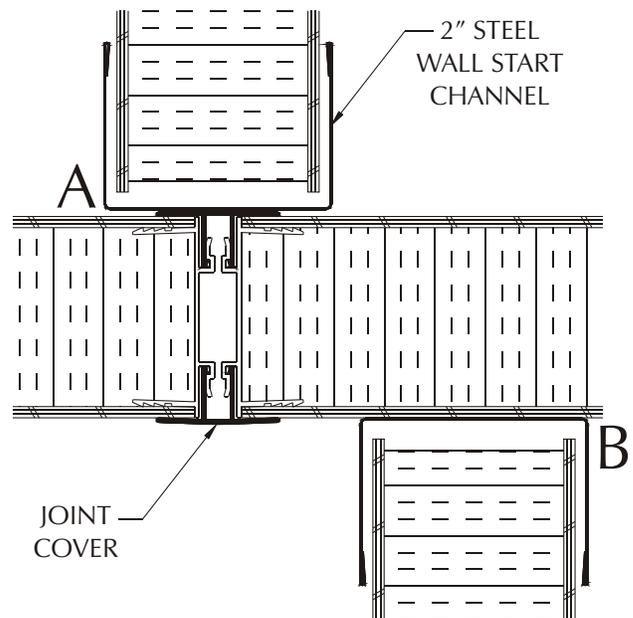
**2. Install wall start channel.**

Slip the wall start channel onto the panel.

**3. Install the panel.**

Lift into top track, swing over and lower into base track, be sure the panel is inside the panel shim. Butt the panel with channel up to the wall. The steel wall start channel should slide down into the base track to give clearance at the top of the panel to snap the top trim to the top track.

NOTE: If the wall start needs to provide stability, it can be screwed to the wall and the panel slid into it.

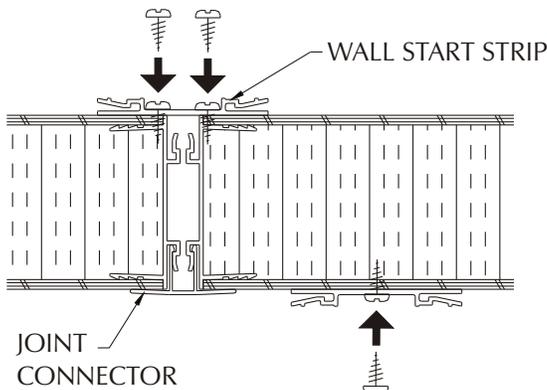


**4. Install wall start cover.**

See Step 13 (page 12) on how to insert wall start cover. Notice the wall start trim is the same trim as used for top trim.

### OPTIONAL 3-WAY INTERSECTION

THIS MAY BE USED INSTEAD OF THE CHANNEL.



**5. Optional three-way intersections**

Instead of using a wall start steel channel, a 1-1/2" aluminum channel or PVC wall start strip may be used. Center the same as the wall start channel, the wall start strip needs to be fastened with screws every 2-3 feet.



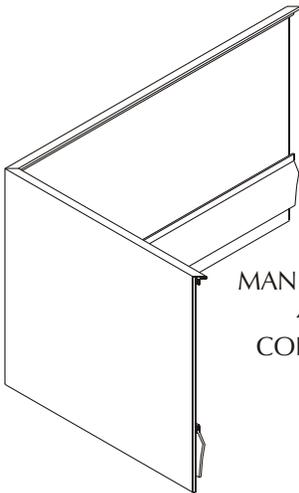
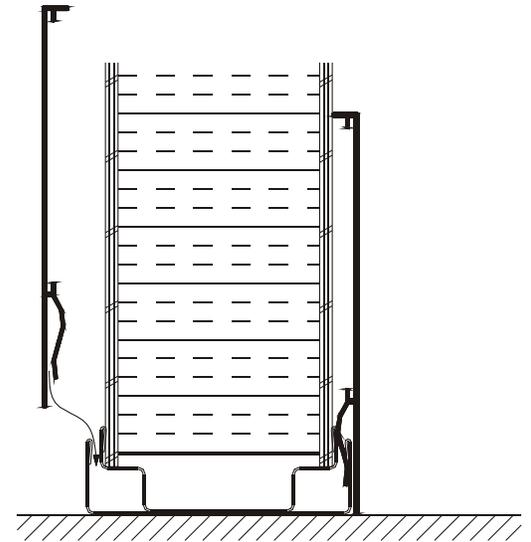
### STEP 10 - BASE & CEILING TRIM

#### 1. Cut and install the base trim.

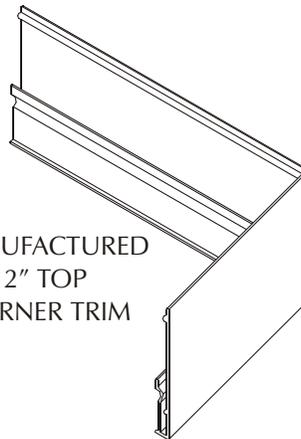
Note: Install manufactured outside corners first.  
Cut base trim to proper length for a tight fit. Cut with a chop saw, use a fine blade. Install 4" PVC base trim by engaging hook on base with vertical outer leg on base track as shown at right.

#### 2. Install base trim in or around a corner.

Install the manufactured corner by snapping vertically onto steel track. Cut and install straight trim. Be sure of a tight fit at all ends. To trim an inside corner, cut the first trim for a tight fit to the corner. Butt the second piece of trim up to the first ensuring a tight fit.



MANUFACTURED  
4" BASE  
CORNER TRIM



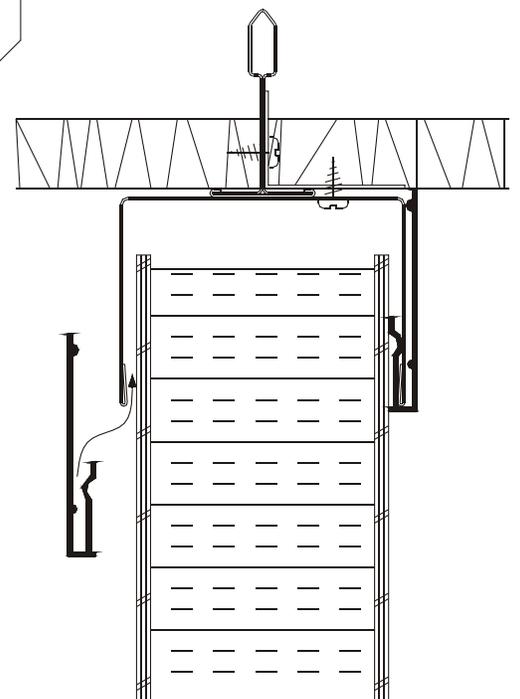
MANUFACTURED  
2" TOP  
CORNER TRIM

#### 1. Cut and install the top trim.

Note: Install manufactured outside corners first.  
Then cut top trim to proper length for a tight fit. Cut with a chop saw, use a fine blade. Install 2" PVC base trim by Snapping vertically onto steel track as shown at right.

#### 2. Install top trim around a corner.

Install the manufactured corner first by snapping vertically onto steel track. Then cut straight trim. Be sure of a tight fit at all ends.. To trim an inside corner, cut the first trim for a tight fit to the corner. Butt the



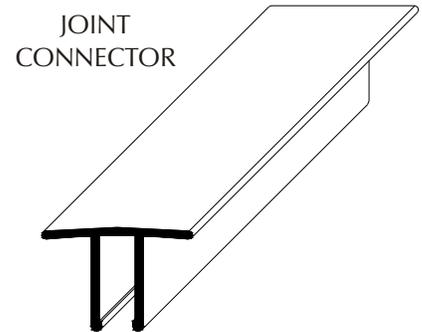
### STEP 11 - JOINT COVERS

**1. Cut the joint connectors.**

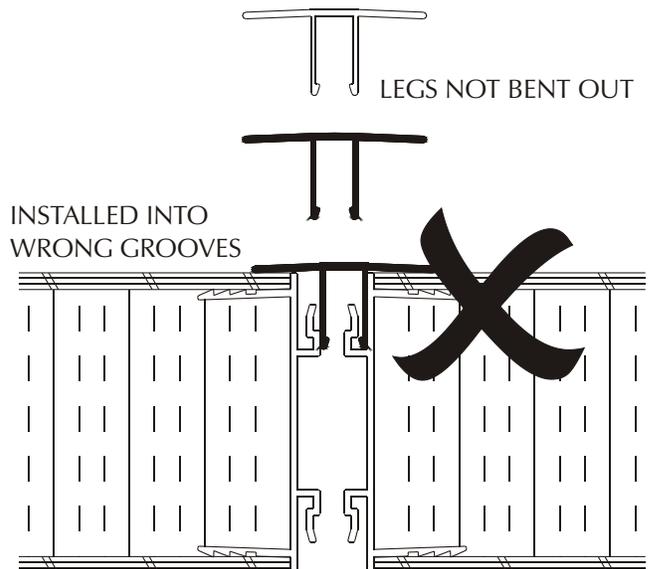
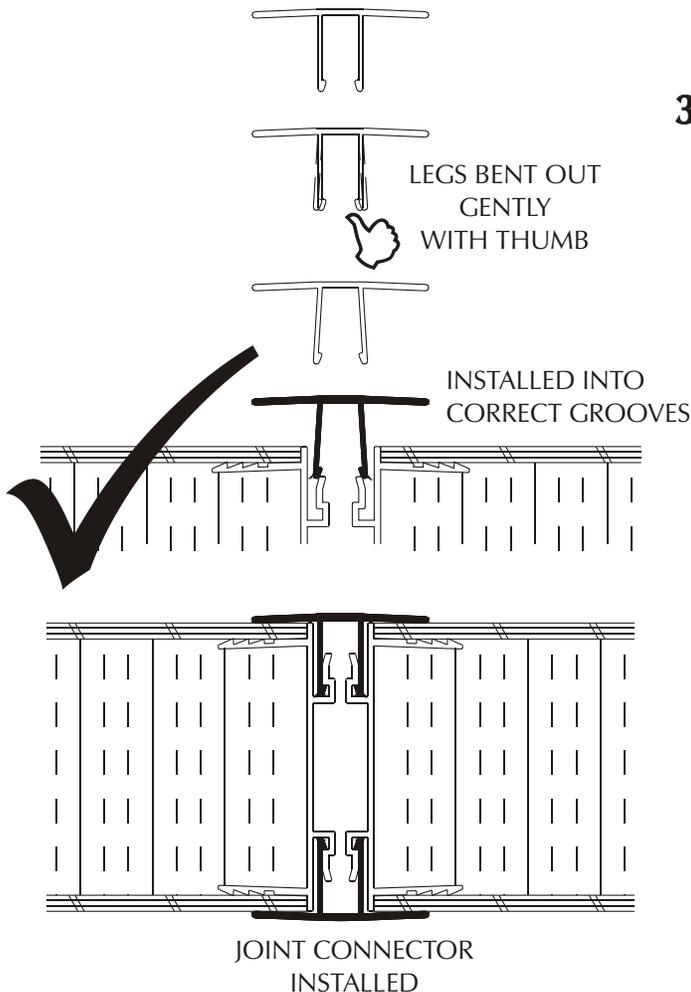
Cut joint connectors to proper length for a tight fit between the top track and base trim. Cut with chop saw, use a fine blade.

**2. Install the joint connector.**

FIRST bend out the legs at the end of the joint connector slightly with your thumb. Since there is a gap between panels, this will ensure the correct fit as shown below. After you have started the trim in its mating grooves, slide up tight to top trim and snap into place all the way down.



**3. If the legs are not bent out slightly,** the joint cover may snap into the wrong groove as shown below. This fit will be loose. A loose fit may cause the panels to be loose.



### STEP 12 - WALL START COVERS

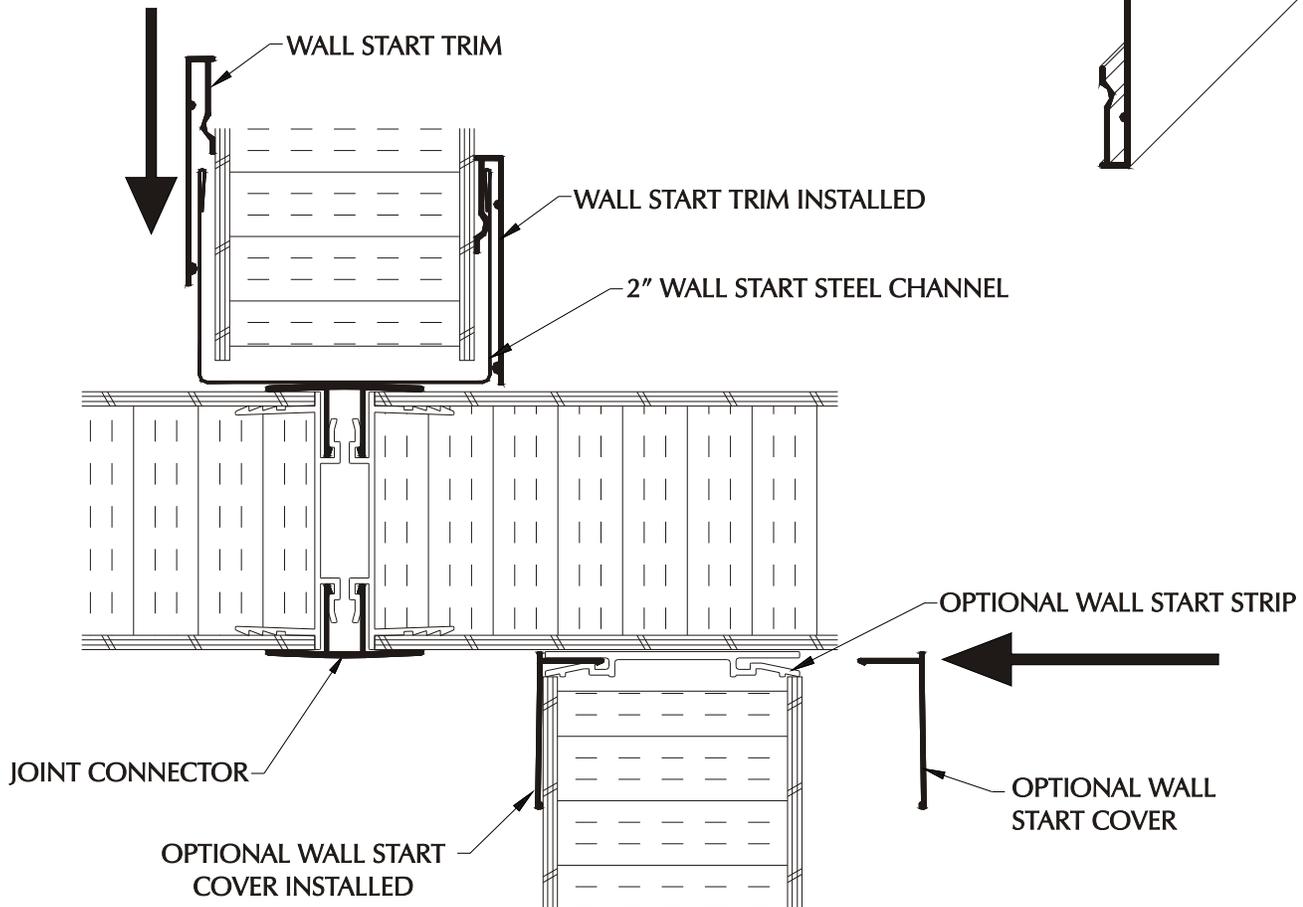
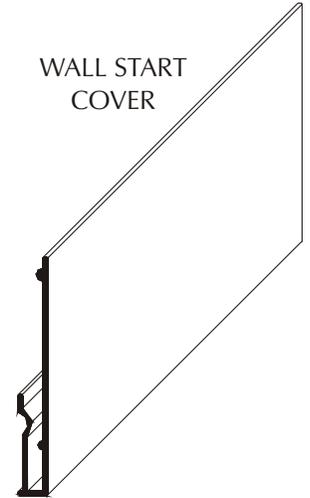
**1. Cut the wall start cover.**

Cut wall start cover to proper length for a tight fit between the top track and base trim. Cut with a chop saw, use a fine blade.

**2. Install the wall start cover.**

Push the wall start trim onto the leg of the steel channel, as shown below. Continue all the way down.

WALL START COVER



### OPTIONAL WALL START COVER

**1. Optional wall start cover.**

Cut the wall start cover to the required length for a tight fit between top track and base trim. Wall start covers can be cut with tin snips.

**2. Install the optional wall start cover.**

Push the wall start trim cover into the mating grooves of the wall start strip. Shown above.