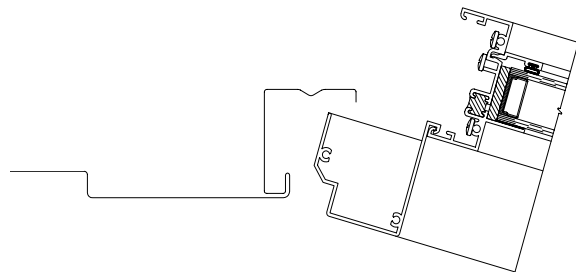




Figure 1

STYLWALL panels continue to be sent precut for all standard window sizes. However, windows no longer have to be installed as the STYLWALL panel is installed. The entire building can be sheeted with window openings left in the proper locations (see Figure 1). At any time the erector can return to install the windows. See the last page if an opening needs to be cut after the wall panel is installed.



Install the window from the outside of the building (Figure 2). The window interlocks with the left side of the panel opening just like two panel ribs locking together. Once the left window jamb is in place, swing the window in until the right jamb fully engages with the right side of the opening.

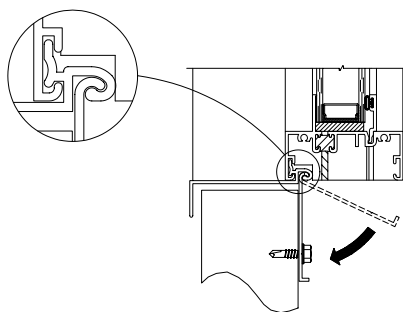


Figure 2



Figure 3

Figure 3: Insert either of the two painted aluminum flaps into the groove in the window sill. Rotate the flap down as shown until it is vertical and tight up against the inside of the panel ribs. Raise the window as high as possible in the opening. This will minimize the size of the caulk joints at the head. Fasten the flap to each panel rib from the inside with self tapping screws.



When all the screws are in place the sill flap will appear as in Figure 4.



Figure 4

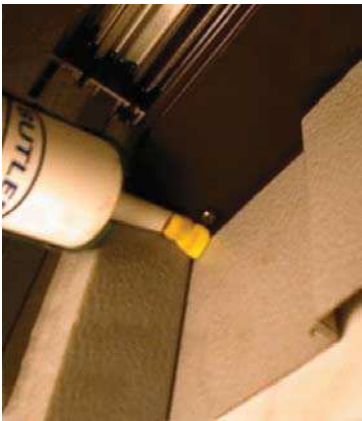


Figure 5

Underneath the window sill, apply sealant in the left corner (Figure 5) and in the right corner (Figure 6) between the window sill and the panel rib. Typically daylight can be seen at these points before the sealant is in place. There is no need to seal entirely across the full width of the sill. Apply STYLWALL foam panel closures under the window across the sill (similar to Figure 9 at the head). This will help control air infiltration under the window.



Figure 6



Figure 7

Seal between the head fin of the window and both the left (Figure 7) and right (Figure 8) panel jambs as shown. Cut back rigid wall panel insulation as necessary. Water is expected to find its way behind the STYLWALL panel, but then weep out under the panel to the exterior. Do not seal between the head fin and panel all the way across the top of the window or water will be trapped inside.



Figure 8

Put sealant vertically on the inside of the left and right panel ribs (Figure 9). Run a bead of sealant in the groove across the full width of the window head. Put STYLWALL foam panel closures across the top of the window.

Insert the remaining painted aluminum flap into the groove in the window head where sealant was applied in Figure 9). Rotate the flap up (see Figure 3) until it is vertical and tight up against the inside of the panel ribs. Fasten the flap to each panel rib from the inside with self tapping screws.

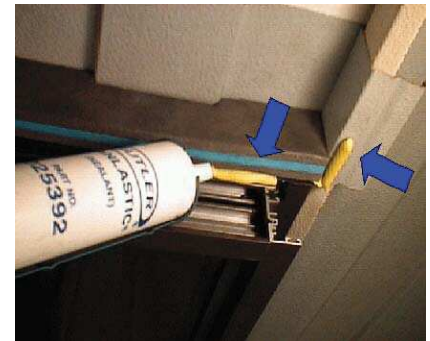


Figure 9

When all screws are in place the head flap will appear as in Figure 10.



Figure 10

Apply sealant across the bottom of the flap on both the left and right sides (Figure 11). We now have a seal between the head flap and the window across the top of the window, and between the flap and the panel rib on each side of the window. The final test is that water poured into the head cavity will drain totally to the exterior .



Figure 11





Figure 12

From the outside of the building, a small crack may be visible at the upper right hand corner of the window head (Figure 12). Seal with caulk or Panlastic (Figure 13.)



Figure 13

Window support angles are provided with all STYLWALL windows. Install the support angles at the left and right window jambs and fasten through the angle into the window frame as shown in the standard Butler plan-a-graph drawings.

**For window retrofit installations:** Holes can be cut in the STYLWALL panel at any time. The height of the cutout is exactly the nominal window height. For example, a 4'-6" tall window would have a 54" total cutout height. The window must be installed horizontally on the panel ribs -- there is no way to install this window system off the panel ribs. The horizontal panel cuts for the window opening can be made with typical panel cutting power tools. The vertical panel cuts should be done with a reciprocating power saw. Note where the panel is to be cut on the left jamb (Figure 14) and on the right jamb (Figure 15). Only the flat of the panel is cut on the left side (Figure 14). The interior portion of the ribs are not cut. Do not attempt to remove the interlocked ribs which remain on both the left and right side once the center portion of the panel is removed. These remaining rib sections do not affect window installation and provide additional panel jamb stiffness for the sides of the window. Now proceed with window installation exactly as described previously, beginning with Figure 2.

