

# EXTERIOR MEASURING

Decide where the hardware will be installed.

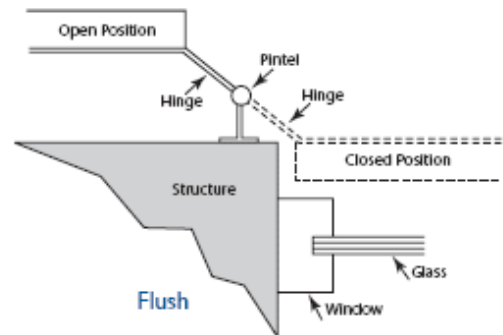
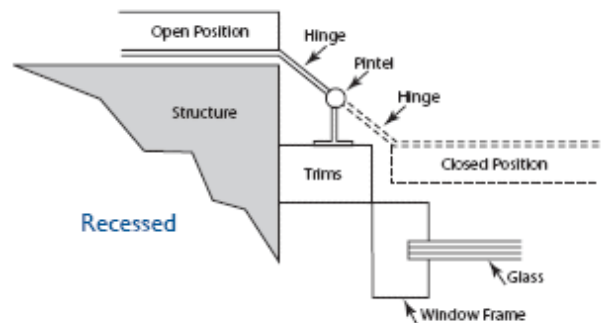
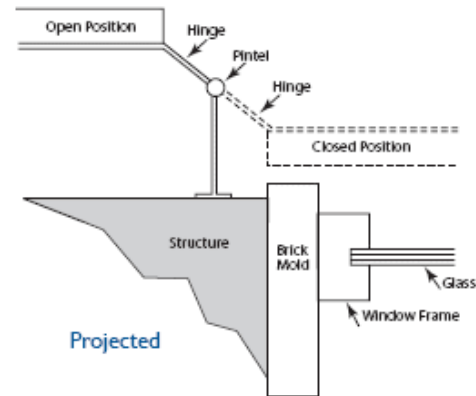
Understanding the shutter hardware mounting location is essential to getting accurate measurements. After deciding where the hardware will be installed, choose the type of hardware that will work for the preferred placement. It is important to determine what hardware will be used before measuring for the exterior shutter installation. The diagram below shows the most common exterior shutter installations.

## Examples of Common Installation Options

**Projected** – The exterior shutters are going to function so that in the closed position they will cover the opening. Notice that the pintel offset is greater than the other examples. This creates depth and allows the shutter to close without binding with the edge of the structure. The projected installation example is the easiest for measuring because there is no trim or structure to dictate the measurements.

**Recessed** – The exterior shutters are going to function so that in the closed position the shutters are going to be between the trim around the windows. Thus the measurements must be made from inside trim to inside trim for width and height. It is important to recognize the depth created by the trim as the depth of the shutter might be greater than that of the trim. If this problem exists, then combining pintel and hinge offsets can create more depth as in the projected example.

**Flush** – The exterior shutters are going to function so that in the closed position the outside edge of the shutters is flush with the surface of the structure. Thus the measurement must be made between the inside edges of the opening of the structure for width and height. It is important to recognize the depth of the opening as the depth of the shutter might be greater than that of the opening. If this problem exists, then combining pintel and hinge offsets can create more depth as in the projected example.



## Measuring for shutters tips:

Always take three measurements. As each window is not created equal, the measurements you take at the top of the window will vary slightly from the one taken along the bottom. Measure the opening along the top of the window, center, then measure along the bottom.

The height of one side of the window will probably be different from the other as well, so take a right-side measurement, center measurement, and a left-side measurement to ensure complete accuracy.