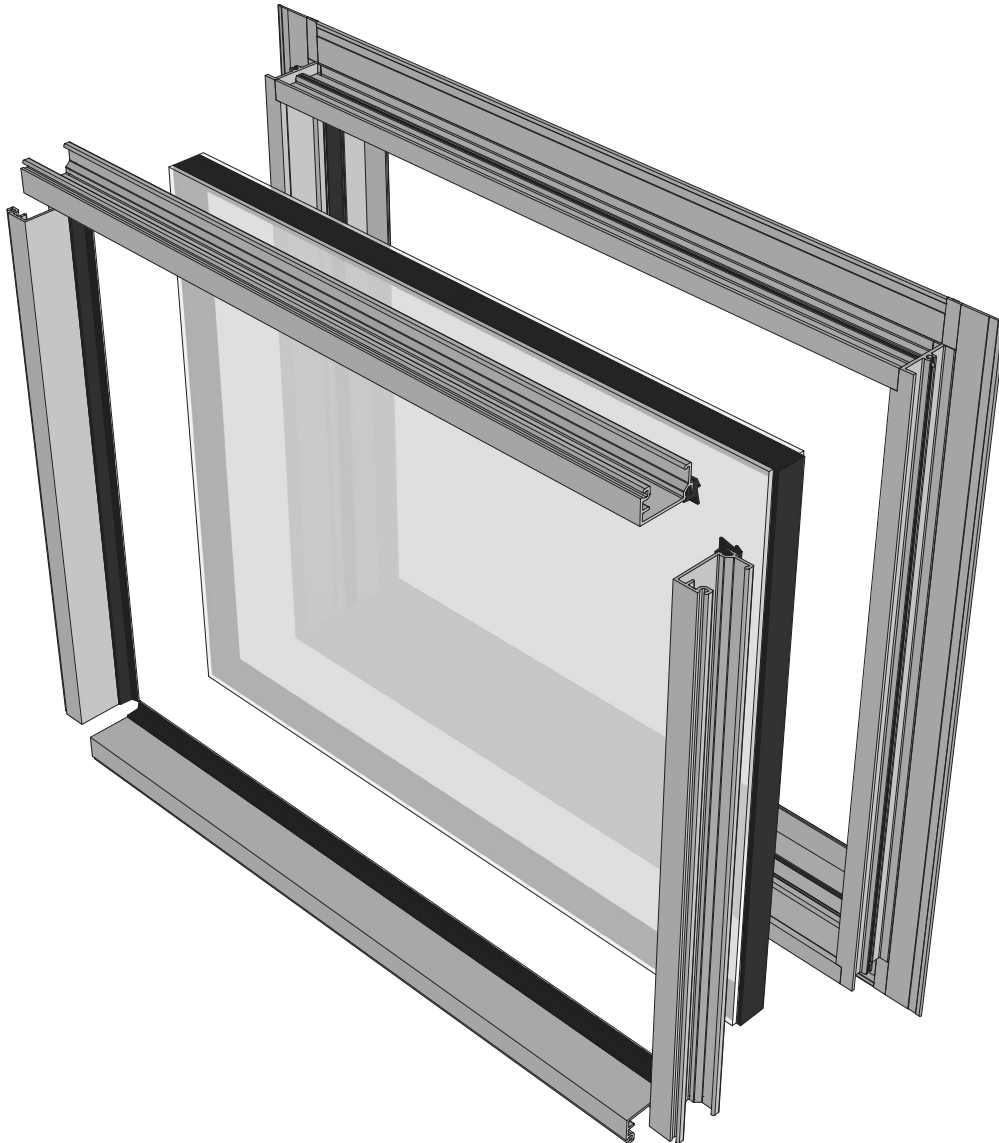


# IWC Series 8200 Picture Windows Glass Panel Installation

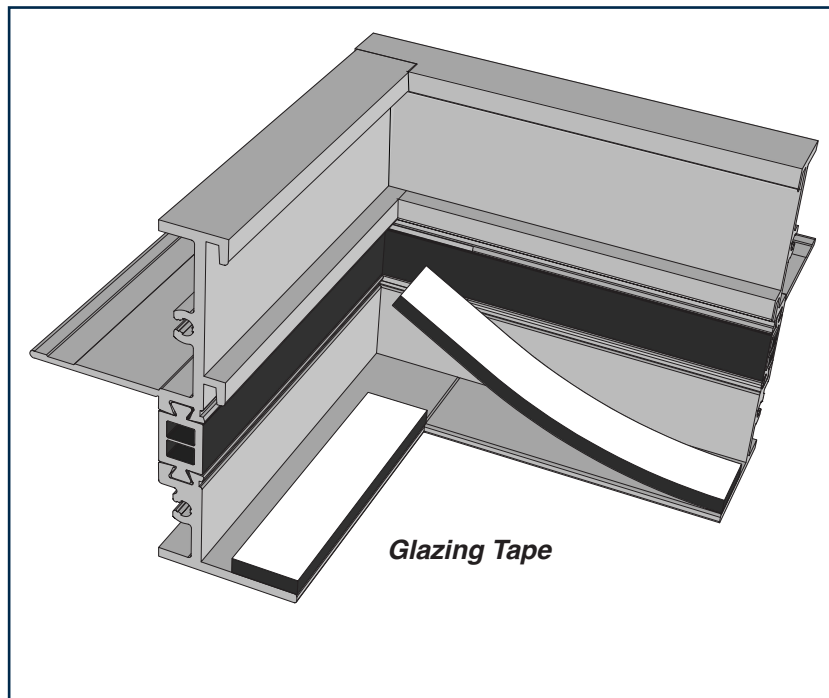


## ***Frame Preparation***

### ***Step 1:***

Apply specified glazing tape to the inside frame-face avoiding gaps and tape overhang that might be visible once installed..

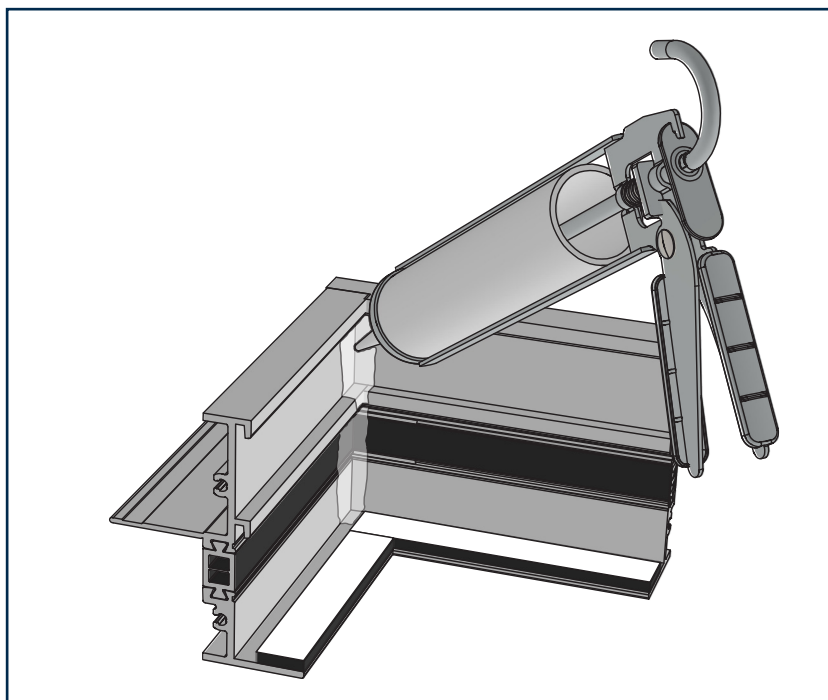
Do not remove the adhesive paper liner at this point in order to avoid debris contaminating the bonding surface.



### ***Step 2:***

Apply a generous bead of sealant to all inside corners of the frame and tool into crevices. Avoid sealant on tape surfaces, even on the paper liner, as silicone can affect adhesion. Clean all excess sealant before proceeding.

It is recommended to let the sealant cure as long as possible before inserting the glass panel to avoid damage from the I.G.U. corners.



## Shop Glazing

### Step 3a:

All work should be performed on a covered or carpeted work surface to avoid scratching the frame and glass. When glazing multiple windows, periodic vacuuming of the surface is recommended to remove metal and glass chips. A 6" tall riser block should be assembled from covered wood or other rigid material for each lite to be installed. The riser block should be at least 2" smaller on each side than the I.G.U. Center the riser block(s) on the table top at each frame opening to be glazed.

### Step 4a:

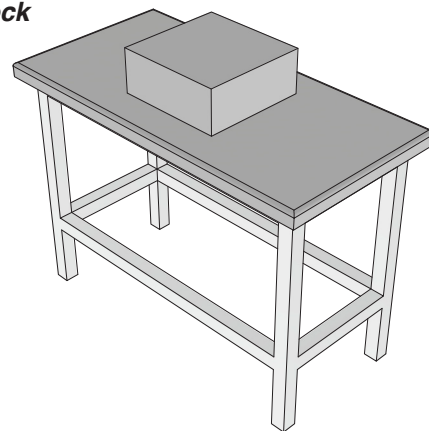
Place the window frame, with the glazing tape facing up, over the riser block lying directly on the table surface. Center the frame and the riser block visually to achieve an equal spacing around all sides.

**Remove the paper liner from the glazing tape exposing the adhesive surface.** Avoid static debris from the table top that might stick to the tape surface hindering a good glass seal.

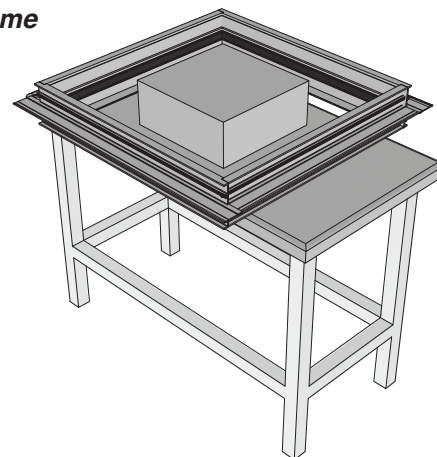
### Step 5a:

Place the I.G.U. on top of the riser block and align as close to center. The glass should be slightly higher than the frame. The difference in height will allow the frame to be adjusted without moving the glass.

**6" Riser Block**

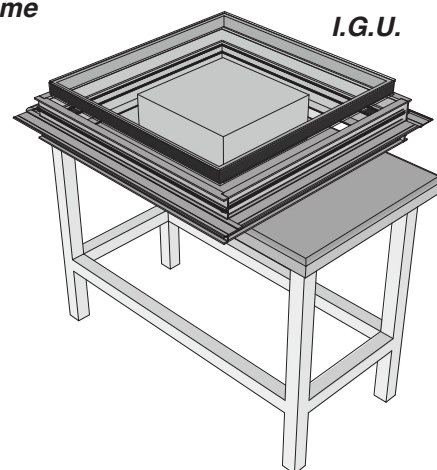


**Frame**



**Frame**

**I.G.U.**



## Shop Glazing

### Step 6a:

Assistance may be required for this step if frames are large or contain multiple lites.

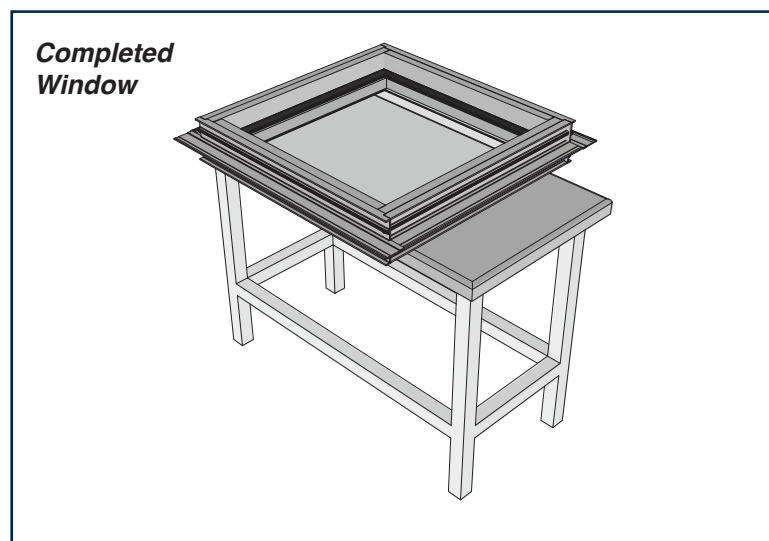
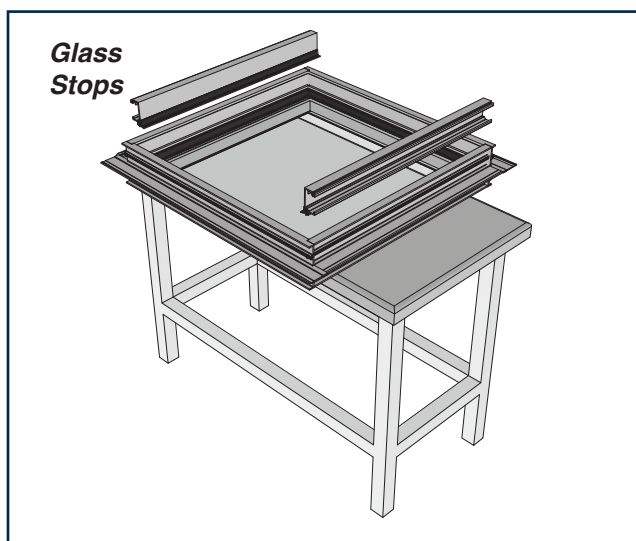
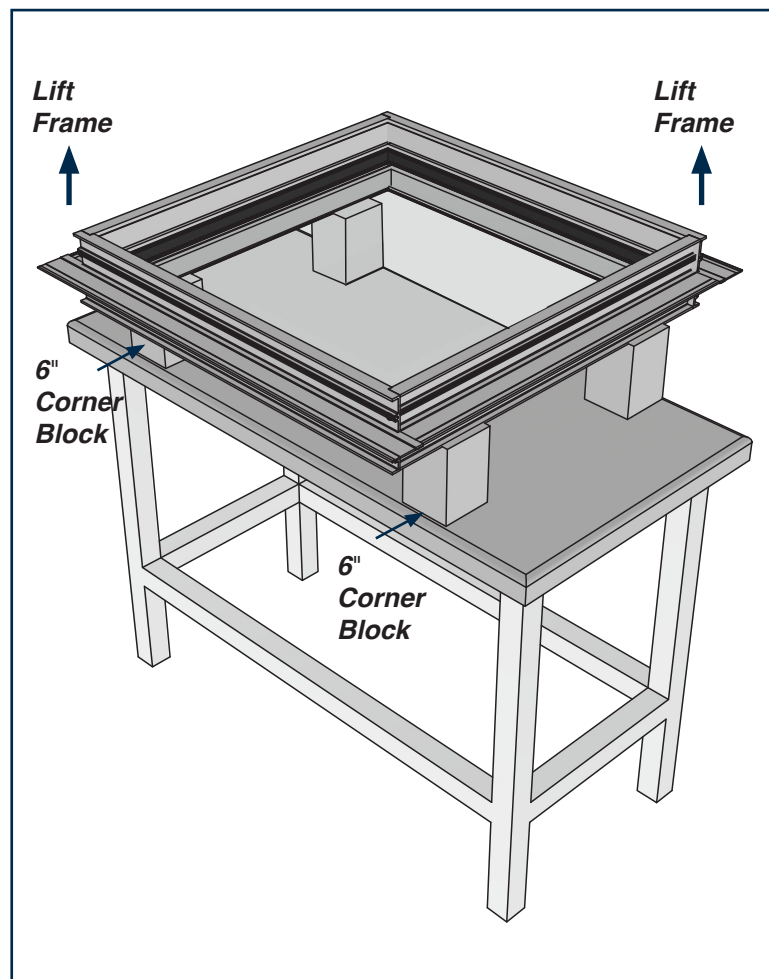
Slowly lift the frame up to contact the glazing tape with the I.G.U. for the initial bond. Viewing down on the glass edge and frame while lifting allows the shop technician(s) to align the two with a high amount of accuracy.

Continue lifting the frame and glass until (4) 6" corner blocks can be inserted from below as supports. The glass will no longer be supported by the 6" riser block in the center and should be removed.

Still supported by the (4) corner blocks, apply a downward pressure to the I.G.U. perimeter using a clean rubber roller. The added pressure will ensure a strong bond to the tape/gasket interface. Clean debris and oils from the top and bottom glass surfaces using standard window cleaner. Trim any glazing tape that may overhang the frame face.

### Step 7a:

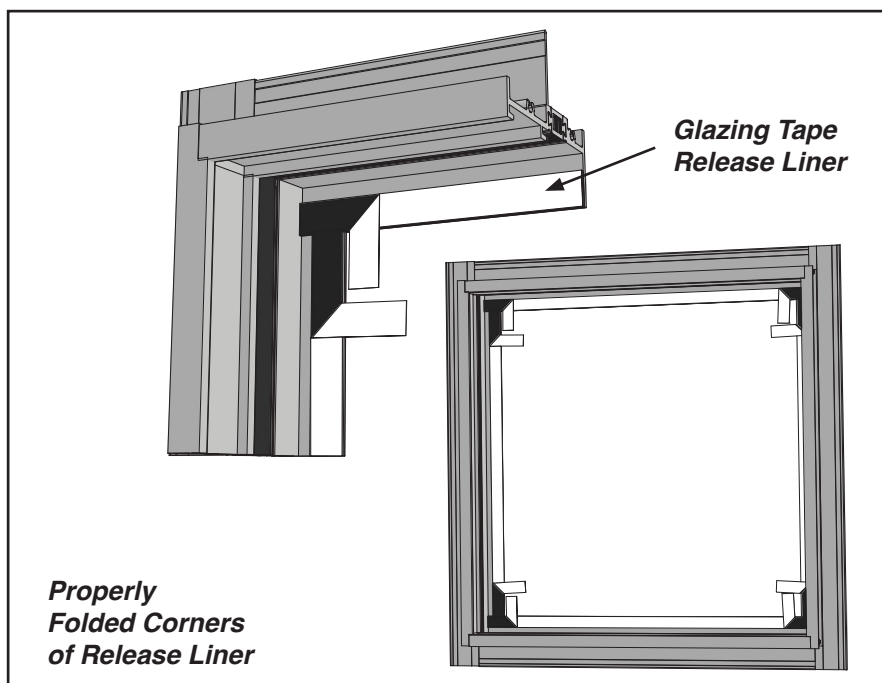
Install the glass stops with gaskets as shown below. The glass stops that are cut to run from frame-to-frame should be installed first.



## Field Glazing

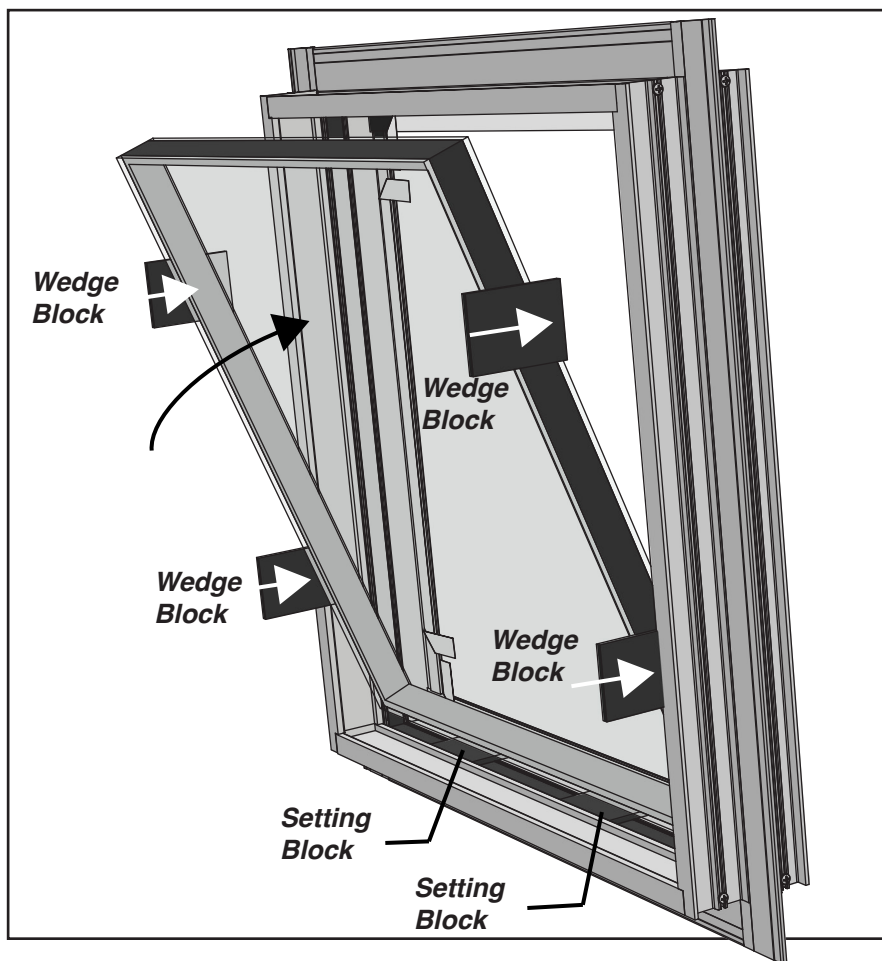
### Step 4b:

Field glazing is performed with the window **installed** in a vertical position. Since the glass will be adhered to the window frame, it is recommended the frame be leveled, completely flashed, and fastened to the rough opening before glazing. The release liner on the glazing tape must be folded back as illustrated. Expose the adhesive surface as little as possible. Fold back just enough liner to grab and pull from the face side. Leave the paper tabs protruding into the frame center.



### Step 5b:

Insert 1/4" setting blocks at quarter points in the window sill glass pocket. Tilt the I.G.U. into the opening. Insert wedge blocks between frame and glass on both sides. Roll panel up into vertical position against glazing tape liner. Do not apply pressure at this point. Adjust glass infill side-to-side until center in the frame if required. Hold in position and proceed to next step.



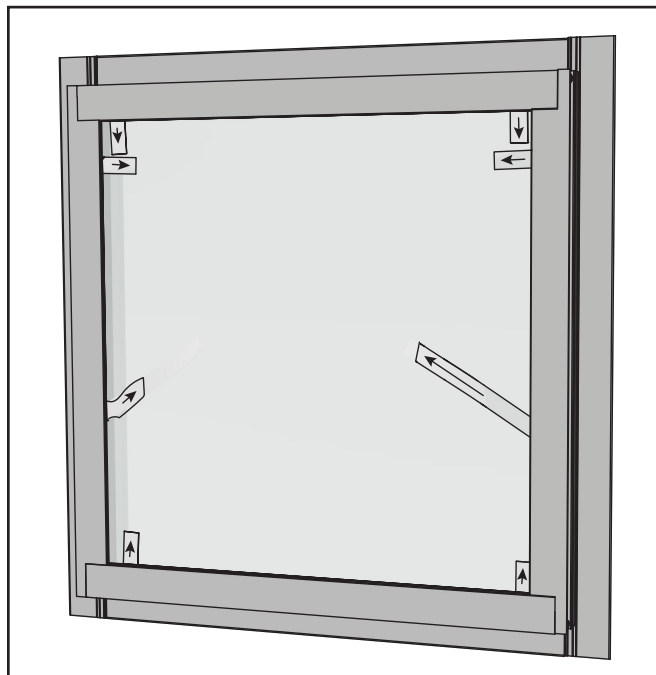


## ***Field Glazing***

### ***Step 6b:***

Remove the Glazing Tape paper liner from the exterior side. Start with folded tab and carefully pull towards the window center. Do not apply pressure to glass until all liners are removed. Avoiding tearing the liner and remove pieces that remain between the glass and the tape surface that can cause a poor seal.

Following the glass installation apply pressure to the perimeter of the glass panel from the interior side thereby initializing the pressure sensitive adhesive of the glazing tape.



### ***Step 7b:***

Verify that the glass panel is completely sealed to the glazing tape and frame. Clean both sides with glass cleaner.

Proceed to install glass stops.

Install the vertical or longer stops first. Use a rubber mallet to tap the stops into position and verifying proper engagement with an audible snap of the extrusions.

