

NOTE: To the installer: The Ultimate Casement and/or sash ordered open can have hardware applied or marked for hardware placement. See unit specifications for the proper glass thickness and glass size. Larger sash sizes will require an assistant.

NOTE: Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.

Standard Parts Shipped

- Sash or sash and frame
- Sash stops (wood unit)
- Glazing blocks

You Will Need to Supply

- Rubber hammer (clad units)
- Small hammer or pneumatic brad nail gun (wood units)
- 7/8" (22) finish nails (wood units)
- High quality neutral cure glazing sealant that meets Grade NS Class 25 per ASTM C920
- Avoid using sealants that contain mineral spirits, naphtha, xylene, and toluene
- Note: allow any excess glazing sealant to cure and then remove using a plastic blade or razor blade being careful not to score or scratch the glass

Clad and Wood Units

1. Remove sash from unit and lay interior side down on a clean flat surface with the top of the unit away from you.
2. Lay a uniform 3/16" (5) bead of sealant on the glazing rabbet around the entire perimeter of the unit. See figure 1.

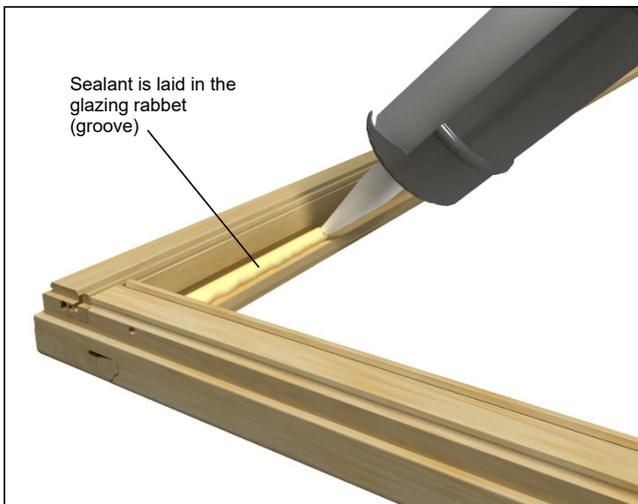


Figure 1

3. Place wood blocks 1" (25) thicker than the sash at quarter points within the sash opening. Large size sash place additional blocks in the center as well. See figure 2.
4. Place the glass on top of the blocks and lift the sash up evenly against the glass. Place sash on a clean flat surface and install glazing blocks at quarter points of the bottom and right side of the sash. Place a glazing block at the center top and center left side. See figure 2.

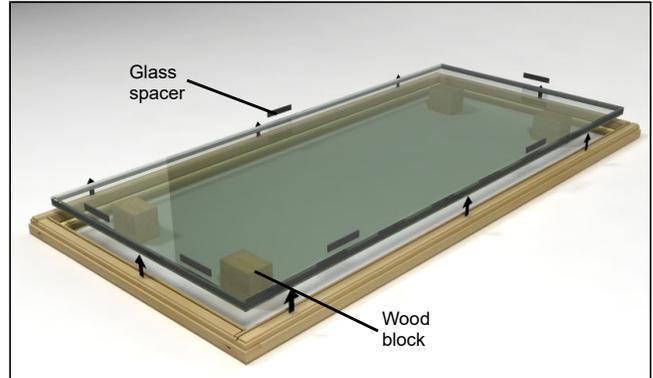


Figure 2

Clad Units

1. Lay the sash aluminum section face down on a clean flat surface. Place a uniform 3/16" (5) bead of sealant around the perimeter of the vinyl portion of the glazing rabbet. See figure 3.

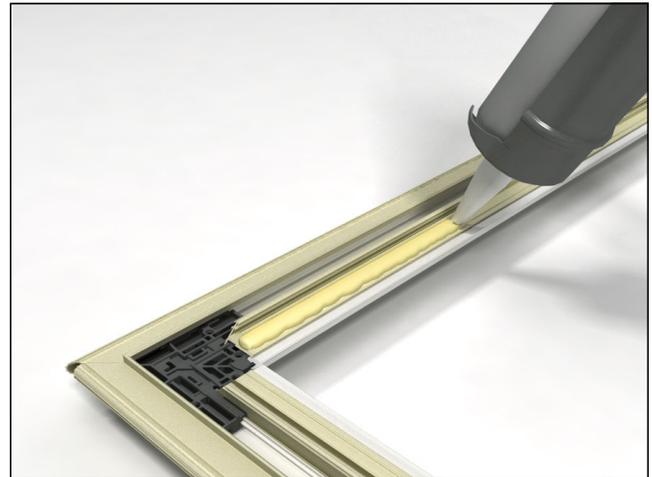


Figure 3

2. Place the aluminum clad section of the sash with the barbs placed directly over the kerf in the wood portion of the sash. Press at the corners, making sure that the barb is partially seated into the kerf. Use a rubber mallet to seat the aluminum section of the sash onto the wood portion, continue tapping

around the perimeter until fully seated. See figure 4.

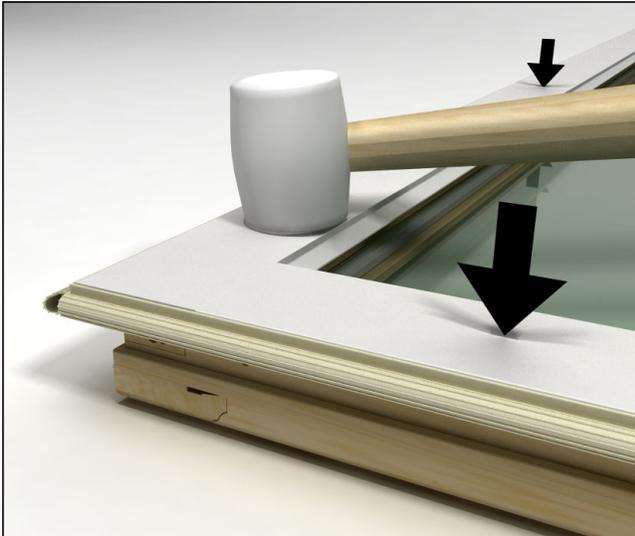


Figure 4

Wood Units

1. Place the top and bottom wood glazing beads into place followed by the sides. Place a wood block on top of the corner joints and gently tap into place. See figure 6.

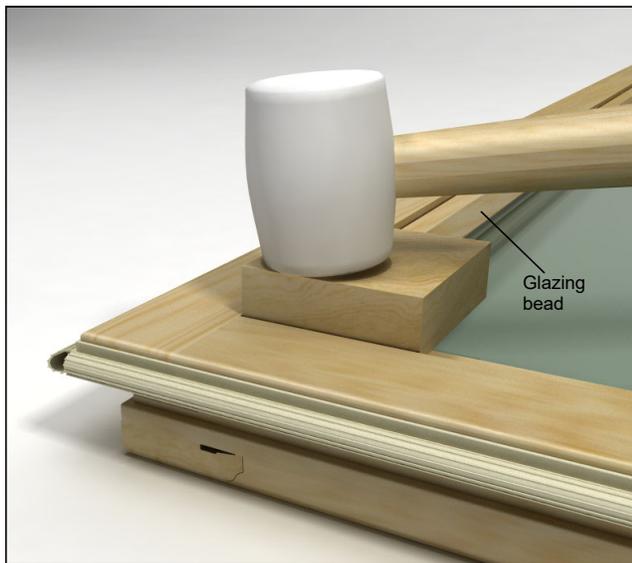


Figure 5

2. Firmly press the wood stops into place. Protect glass from scratching. Use a hammer and 7/8" (22) long finishing nails to secure the stops. See figure NOTE:.

NOTE: Keep nails parallel to the glass. Angled nails may cause glass breakage.



Figure 6

NOTE: Ensure that the weather strip on the sash stiles and rails are fully seated before installing the sash into the frame.