

# Assembling the Knockdown Sash

## GATHERING EVERYTHING YOU NEED TO ASSEMBLE THE KNOCKDOWN SASH

### GLUE AND GLUE BRUSH



You will need glue. *Our preference is Titebond glue or another wood glue.*  
You will also need a brush to spread glue.

### PENCIL



You will need a pencil to mark where you will apply the glue.

### RAZOR BLADE



You will need a razor blade to trim the mastic from the glass unit.

### CLAMPS



You will need clamps to use while gluing the sash.

### PIN NAILER



You will need a pin nailer or a narrow crown staple gun with one inch staples to attach the stop.

### LIGHT-WEIGHT HAMMER



You will need hammer to close the tabs on the cladding.

### CLAMPS



You will need clamps to use while gluing the sash.

## UNBOXING AND PREPARING TO ASSEMBLE THE KNOCKDOWN SASH

### STEP 1



Unbox the Knockdown sash

### STEP 2



Using your fingers, gently pry off cladding.

### STEP 3



Lay out all the pieces in the shape of a sash. Each piece is marked top, bottom, left, and right.

### STEP 3



Gently remove the stop from each sash piece.

### STEP 4



Arrange all sash pieces in order.

### STEP 4



Using a plier, remove all micro nails used to attach stop.

# Assembling the Knockdown Sash

## GLUING UP THE KNOCKDOWN SASH

### STEP 5



Dry fit the four corners of the sash together and trace where the pieces come together in the corners. *This will be the boundaries where you will apply the glue.*

### STEP 6



Take the sash apart to expose the area to apply glue.

### STEP 7



Starting with the left side of the sash and the top piece of the sash, apply glue from the pencil line on the left piece to the end of the sash.

### STEP 8



On the left side of the top piece, apply glue to the butt end.

### STEP 9



Now follow Steps 7-8 to glue up the bottom left side of the sash, top right and bottom right sides of the sash.

### STEP 10



Start placing the sash into the clamps. Be sure the two pieces are flush. *They should feel smooth when you move your finger across the seam.*

## GLUING UP THE KNOCKDOWN SASH

### STEP 11



Place the sash into clamps.

### STEP 12



While still in the clamps, screw the four corners of sash together using the predrilled holes and screws provided.

## CLEANING UP THE GLASS UNIT AND INSERTING IT INTO THE SASH

### STEP 13



**Do not** remove sticker on the front of the glass unit. *This will help you know which is front and back of glass unit when you insert it into the sash.*

### STEP 14A



In the next few steps, you will be using a razor blade to remove the black mastic to prepare the glass unit for inserting into the sash.

### STEP 14B



Outer edges and inside edges must be smooth.

### STEP 15



After all edges of glass unit are smooth, place a continuous bead of caulking along the inside corner of the sash.

### STEP 16



*Make a continuous even bead of caulking.* **DO NOT GLOB OR SKIP THE CAULKING AS IS SEEN ABOVE.**

### STEP 17



Place the glass unit into the sash with the back side of the label facing up. Make sure the unit is evenly spaced in the sash.

# Assembling the Knockdown Sash

## INSTALLING THE STOP

### STEP 18



Place a continuous bead of caulking in the inside corner of the glass and sash. *If you get too much caulking DO NOT WIPE IT, you will be able to use a razor blade to clean it up after it dries.*

### STEP 19



Orient the stop so that the beveled edge of stop does not butt up to edge of sash but is facing the sash.

### STEP 20



Insert stop as shown above for all four sides.

### STEP 21



Use pin nailer or staple gun every 6 inches to attach stop to sash.

### STEP 22

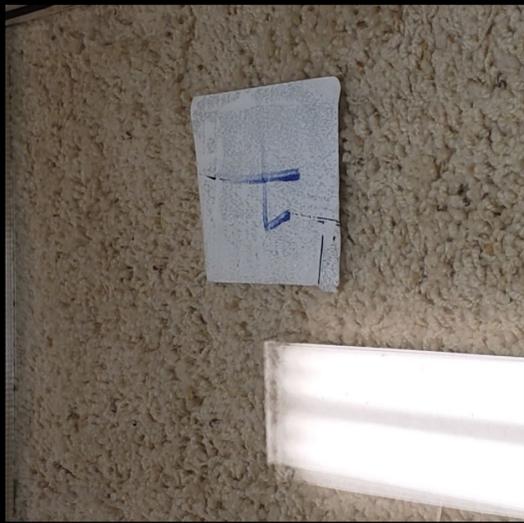


*If any caulking squeezes out, wait until it is dry and use a razor to remove it.*



## INSTALLING THE CLADDING

### STEP 23



You will be applying the cladding to the outside of the sash. Lay the sash down with the back side of the label facing up.

### STEP 24



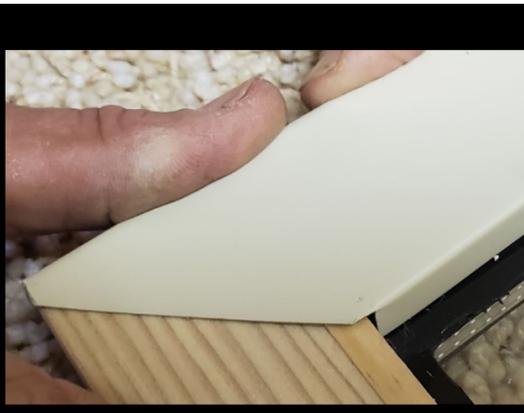
Apply three rows of caulking to bottom backside of the sash.

### STEP 25



With the end hooked around the corner of the sash, gently rock the cladding to wrap the cladding around the sash. *Note the hook end of the cladding. When attaching the cladding, you must make sure the hook end is wrapped around the corner of the sash.*

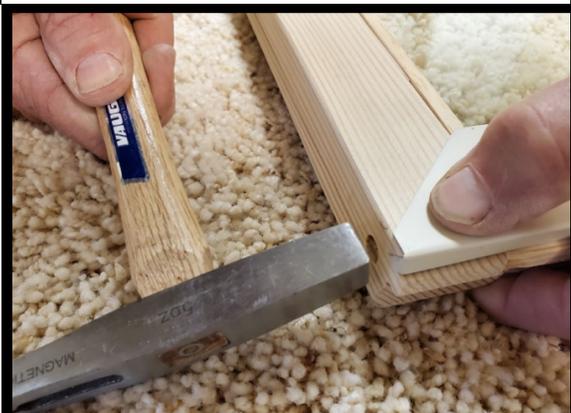
### STEP 26



Press the cladding down flat.



### STEP 27



Gently tap the hooked end flat and flush against the sash.

# Assembling the Knockdown Sash

## INSTALLING THE CLADDING

### STEP 28



Moving counterclockwise, repeat Steps 23-27 to install the other three pieces of the cladding.

This is how your finished sash should look.

## CLEANING UP THE GLASS SASH (FINAL STEPS)

### STEP 29



Apply a bead of caulking to alongside the cladding

### STEP 30



### STEP 31

Using a razorblade, carefully trim the caulking away to about 1/16 in from cladding.