

JOB PROCEDURE

Job: Installing 10mm Glass into Wood Frame c/w Bottom U-Channel

Tool/Equipment Required: Misc Hand Tools
Air Nailer & Compressor
Hammer Drill & Power Drill
Caulking Gun

Materials Required: Setting Block
U-Channel
Glass
Masking Tape
Caulking (Clear, Grey)
1/16" Black Foam Tape

STEPS

1. Wear proper personal protective equipment (P.P.E.). (Hard Hat, Safety Boots, Safety Glasses, Ear Protection)
2. Survey site for preparation, clean work area and accessibility.
3. Confirm opening size, as per drawing.
4. Cut U-Channel to fit daylight opening of wood frame.
5. Drill and counter sink holes in U-Channel and fasten to the floor using proper anchors.
NOTE: Glass is to be centered in U-Channel
6. Remove all wood stops and tape both; frame and stops with 1/16" black foam tape.
7. Place 1/4" clear setting block in U-Channel on quarter points at glass locations.
8. Dryglaze, (leaving paper or plastic on foam tape) by setting bottom of glass in U-channel and standing upright in opening to make sure there is enough coverage all around glass.
9. For openings with two pieces or more, use step #8, but also tape on 1/8" setting block to the edge of the glass (top & bottom) at the silicone butt joint location.
10. After piece #1 is set properly, nail a small block of wood at the top of the wood frame to temporarily hold it in place. Set piece #2 in place and adjust as required.
11. Remove both pieces of glass and set aside on softboard, wood or carpet, etc.
NOTE: Do not set glass on concrete, tile, marble or similar floor finishes.
12. Remove paper or plastic from foam tape and install glass in proper locations. Install and nail on all perimeter stops making sure glass is pressed firmly against foam tape.
13. Use masking tape to tape both pieces of glass on both sides of the opening at the butt joint location. Tape along the arriss on the edge of the glass.
NOTE: this is to prevent silicone from getting on the face of the glass.
14. From one side of the opening pump clear silicone through the 1/8" gap between the glass until it is visible through the other side (from top to bottom). Next use the back of an empty silicone cartridge or something of similar diameter for tooling off the silicone on both sides.
15. After tooling remove masking tape from the glass on both sides. Next apply a cap bead with grey silicone to cover the small gap between the glass and U-Channel on both sides. Do not touch or disturb silicone for a minimum 24 hours.