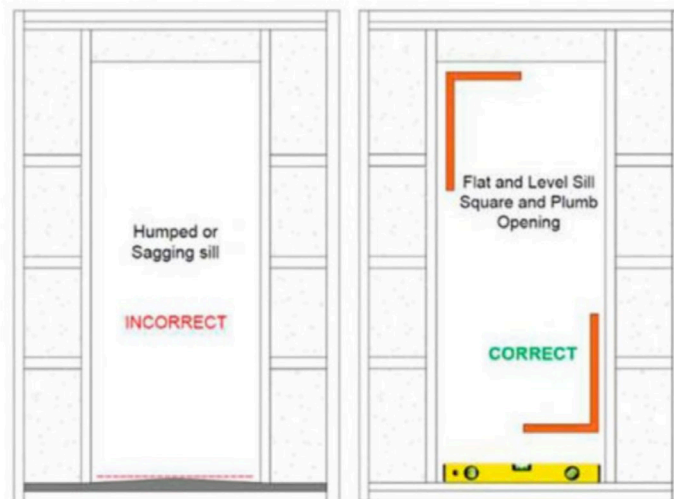


## Step1 - Rough Opening Preparation

- Determine prior to installation what the actual finish floor height will be and adjust the rough opening (Existing wall opening at the Field) if needed.
- Ideal Rough Opening should be 1 inch wider than actual Unit Size (Net Outside Frame Size) and 1/2 inch taller.
- For typical wood frame construction, it is also essential that the wall sheathing be a solid surface to ensure that the unit can be secured firmly to the wall.
- Rough opening should be square within a tolerance of 1/4".
- The floor must be level with a tolerance of 1/8".
- The header must be supported by trimmer studs.
- Minimum double studs should be used at all wood frame rough opening. A king and trimmer stud should be surrounding the door on both sides.
- The exterior face of the rough opening must be in a single plane with less than 1/8" twist from corner to corner (a True opening).
- The rough opening sill must not be crowned or sagged.
- Check the bottom surface of the opening to ensure it is flat, level, and free from debris. Proper operation of the door requires a sill that is flat and level.

**Important:** If these conditions are not met, the installer must take corrective actions to alter the opening(s) before proceeding.



- For aluminum clad doors only: Do not pre-install the aluminum cladding on the brickmold.
- Glenview Doors aluminum clad entry door units may be installed using one of two approved frame attachment methods:  
Thru-Jamb Fastening (standard method outlined in this guide), or Bracket Installation (alternate method, similar to pivot door installations)

The installer must determine the preferred attachment method prior to beginning installation, as each method requires different preparation steps.

**Important:** Glenview Doors does not supply installation brackets. If the bracket method is selected, brackets must be sourced by the installer and must be appropriate for the wall construction and door weight.

## Step2 - Installing Door Frame – Single Front Door

- Select the method you will be using to secure the frame before you begin installation.

You can choose between the following:

- Brackets (recommended):** The brackets can be attached to the interior side of the door so they are covered by drywall (recommended) or to the exterior side and covered with the brickmould. Detailed instructions are on page 4 and should be read in full before you begin.
- Finishing screws installed at an angle:** Installing the screws this way allows for the screw heads to be covered by the brickmould after the installation is complete. Detailed instructions are below and should be read in full before you begin.

- If you are securing the frame using the bracket method, you should attach the brackets now.

See page 4 for full instructions.

- We always recommend installing the frame first followed by the slab. If your door unit arrives with the door slab installed, please remove the slab from the frame by unscrewing the hinges from the jamb.
- If the door slab is in the frame, make sure the door is supported so it does not swing open during installation.
- It is recommended to dry-fit the frame into the opening before applying any sealants.
- Apply a generous amount of Exterior Grade Silicone on the subfloor where threshold will sit. This prevents drafts and moisture from penetrating through the bottom. Ensure you are liberal with your sealants.
- Lean the pre-hung door into the rough opening.
- Start by shimming and aligning the bottom part of the jamb.
  - Ensure correct daylight opening that will allow the door to close properly.
  - We recommend placing this shim 2-3" from the subfloor
- When installing strike side shims, ensure you prepare pilot holes for the fasteners on the strike side.
- To secure, we recommend inserting one shim at each of the following locations of the frame.
  - Top corner (hinge side)
  - Top corner (strike-plate side)
  - Bottom corner (hinge side)
  - Bottom corner (strike-plate-side)
  - Behind each hinge (hinge side)
  - Mirror hinge-shims on the strike-plate side.
  - Behind the strike plate (strike-plate side)

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## Step2 - Installing Door Frame – Single Front Door (Cont.)

- Install finish screws 8 x 3-1/8” through the jamb on the bottom, to hold the frame in place, approximately 2-3 inches from the bottom of the jamb.
  - We always recommend predrilling the jamb, to avoid splitting the material
  - It is also the best practice to install the fasteners under the weatherstrip, to hide them from the sight
- For Aluminum Clad Doors Only: The jamb is pre-clad with aluminum. When fastening through the clad jamb, use screws long enough to penetrate both the aluminum cladding and securely anchor into the rough opening framing.
- Recommended screw length: Use screws that are at least 1/2” longer than standard to account for the added cladding thickness.
  - Align, plumb and shim the top hinge side of the frame and install the 3rd screw on the hinge side, under the weather strip. Remember to predrill the frame.
  - With the frame in place, prepare to install the slab. Be aware the top strike side of the frame is loose at this moment to allow for adjustment and regulation.
  - Install the slab using long 3” screw on the top hinge, going through the hinge, and at least 1 short screw per each remaining hinges
  - Close the door and inspect for:
    - Gaps around the door between slab and frame
    - If the door is in plumb and aligned with the wall
  - Start shimming and fastening the frame on the top strike side of the frame.
  - If adjustments are needed release the screw on one side and tighten on the other side. Add or remove shims as necessary.
  - Install remaining long 3” screws, 1 per hinge, making sure to shim under the hinge and keep the gaps even.
  - Verify the door unit is square. And hinge side is plum
  - Test door to make sure the door closes tightly against weather stripping.
  - Install 4 – 5 finishing screws on the strike side of the frame, under the weatherstrip.

## Step3 - Securing Frame with Brackets

- Decide if you will be installing the brackets on the interior side or the exterior side
  - a. Interior side (recommended): This should be done before the drywall is installed so you can easily cover the brackets with the drywall.
  - b. Exterior side: You will need a plan for covering the brackets, either with the brickmould or another material.
- Secure several brackets around the frame using  $\frac{3}{4}$ " wood screws. We recommend attaching at least 3 brackets on each side of the door frame and 2 on the top header.
  - a. The first bracket should be placed on the frame leg around 8" from the top of the frame
  - b. Second bracket should be placed on the frame leg, very close where the latch of the door will be.
  - c. The third bracket should be placed on the frame leg around 6" from the bottom of the frame.
  - d. The header brackets should be placed around 12" from the edge of the frame.
  - e. Add more brackets as needed.
- Draw a line around the rough opening on the side that the brackets will be on. The line should be level, plumb, and square and will be used to make sure the door unit is secured in the proper position.
- You can now install the frame into the rough opening using the directions on page 6. Once that is done, proceed to step 5.



- Once the frame is secured, you can secure the brackets to the rough opening using 3" wood screws which should be driven directly into the studs.
  - a. Start with the top brackets on the legs of the frame. Once it is secured, check which tooth of the bracket lines up with the line you drew. Make sure the other brackets match the placement of the first bracket.
  - b. Check the spacing around the door after each bracket is secured. If the gap is not uniform, release the screw slightly so you can adjust the frame accordingly. Once the spacing is corrected, retighten the screw to secure the bracket. Be cautious to not stretch the frame.
- Once all brackets are secured, proceed to the next step. If your door arrived pre-hung, go to **ADJUSTING THE DOOR**, if it didn't go to **HANGING THE DOOR IN THE FRAME**.

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## Step4 - Post-Installation

- Adjust the threshold with a Phillips screwdriver. Use the screws to lift or lower the wooden raiser until there is even clearance on the bottom of the door. (this step does not apply for flat ADA thresholds)  
Insulate the space around the door by applying High-Grade Water-Resistant Insulation Foam (minimally expansive foam) between frame and rough opening.
- Finish installation by applying brickmould to the exterior side of the door with finishing nails.
  - For Aluminum Clad Doors Only:** Do not pre-install the aluminum cladding on the brickmold. First, install the brickmold as per the standard instructions. Once installed, apply the aluminum cladding using the double-sided tape provided.
    - Ensure cladding pieces are fully adhered with the provided tape and pressed firmly in place.
    - Avoid drilling through the aluminum cladding unnecessarily to prevent cosmetic damage.
- Minimize the appearance of finishing nails with a touch-up kit.
- Caulk around the doorway including the front sill edge and along the exterior where it meets the brick or siding.

**Note:** Glenview Doors provides general installation guidance only. The installer is responsible for selecting appropriate fastening methods and hardware based on site conditions, wall construction, and applicable building codes. Glenview Doors is not responsible for issues resulting from improper fastening methods or third-party installation hardware.