



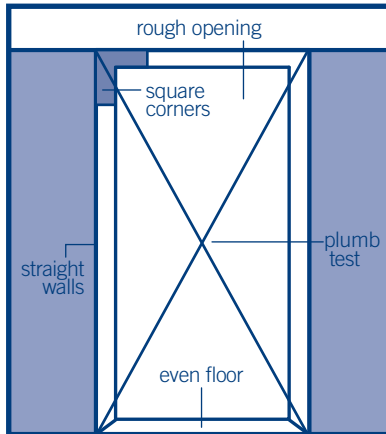
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DOOR UNIT INSTALLATION INSTRUCTIONS

- Please refer to door manufacturer's instructions. The following instructions are meant to be an addition to the manufacturer's installation instructions.
- Please refer to our caulking requirements before installing the door unit to ensure proper sealing the door opening.

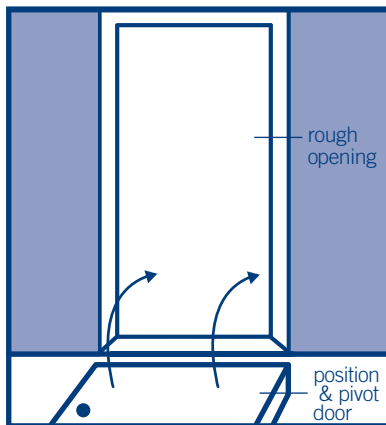


STEP 1 PREPARE ROUGH OPENING

- Determine the size of the rough opening.
- Check that the opening is the correct size, and is level, square, and plumb before attempting to install the door unit.
- Ensure the sides of the opening are in the same plane to avoid any issues with operation.
- **Notice: 20-minute fire rated openings must not exceed 1/8" between the rough opening and the door frame's top and sides.**

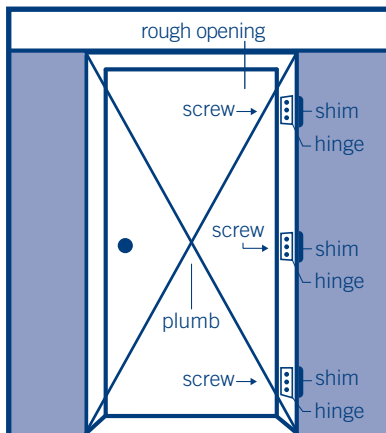
STEP 2 PREPARE DOOR SYSTEM

- Remove packaging material without removing pre-hanging clips until otherwise instructed.
- Remove skid board from the bottom of the door and prepare for caulking procedures.



STEP 3 INSTALL DOOR SYSTEM

- Caulk the subfloor to seal between the floor and the sill.
- Caulk around the entire door unit on the backside of the brickmould to seal the unit.
- Position and pivot door unit into the center of the rough opening.
 - Be sure that the back side of the brickmould is flush with the exterior siding of the house.



STEP 4 SHIM & TEMPORARILY SECURE HINGE JAMB

- Ensure that the hinge jamb or sidelite jamb on the hinge side is plumb with the opening.
- Temporarily hold the position of the unit by driving fasteners through the jamb just above the hinge positions underneath the weatherstrip.
- Place a shim behind each of the three hinges between the hinge jamb and the wall.
- Ensure that there is a parallel gap between the frame and the rough opening.
- Additional shims may be used if needed.
- Drive a fastener through each shim and remove the excess so that the shim is flush with the interior wall.
- **NOTE: For the door system to operate properly, it is essential that the unit is plumb, square, and straight.**



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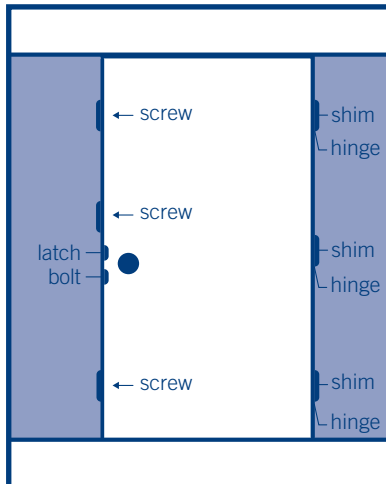
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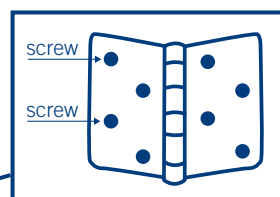
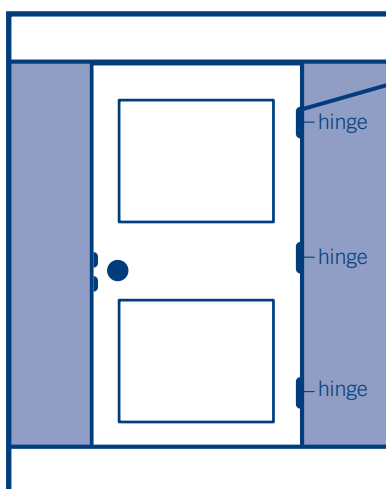


STEP 5 ALIGN DOOR SYSTEM WITH THE ROUGH OPENING

- Position the latch jamb so that it is plumb and square with the opening.
- Begin shimming the latch jamb. Shim the lower opposite hinge, between the latch and deadlock, and the upper opposite hinge.
 - Additional shims may be used if needed.
- Temporarily secure latch jamb by driving fasteners into shims. Peeling the weatherstrip back from the jamb is a good place to hide the fastener from view.
- Door systems with sidelites may require shims above the joint where the sidelite and door meet.
 - To secure, fasten screws into the shims of the header.

STEP 6 ADJUST AND SECURE LATCH JAMB

- Remove pre-hanging clips while keeping the door closed.
- Ensure the door remains straight and the spacing is even.
- In the case of door units with sidelites, the latch jamb sidelite should be adjusted as well.
- In the case of double door units, adjust the hinge jamb of the inactive door so that the door has uniform contact with the astragal.
 - Once uniform contact has been confirmed, fasten the hinge jamb.
- Additional Check
 - Ensure the weatherstrip has even compression on the door to the hinge.
 - Readjust the latch jamb until the weatherstrip has uniform contact with the door.



STEP 7 SECURE HINGE JAMB

- Drill 1/8" pilot holes through the wood in the two screws holes in the top hinge that are closest to the weatherstrip.
- Install screws into the two holes on the hinge that are closest to the weatherstrip.
- Once screws are installed, open and shut the door while checking the operation and clearances.
 - Adjust screws and shims if necessary.
- Remove the two temporary screws from the hinge jamb.



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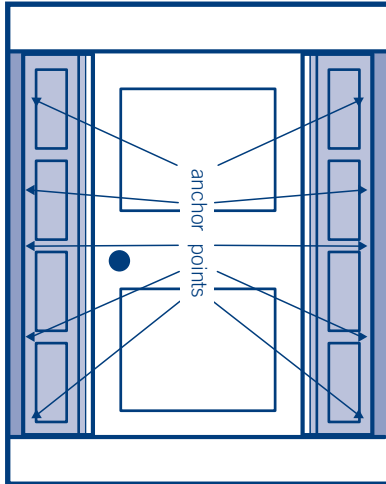
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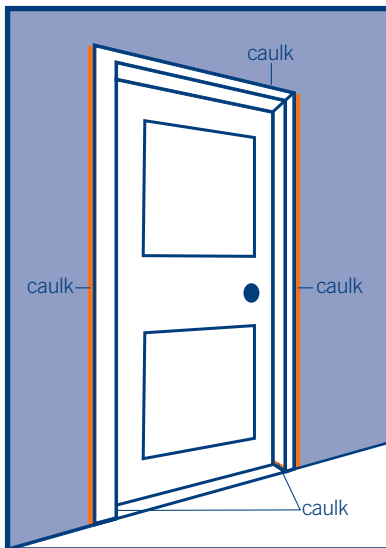


STEP 8 FULLY SECURING THE DOOR SYSTEM

- Secure single and sidelite units by fastening the outside jambs to the framing in three places on each side for wood frames and five places on each side for composite frames.
- In the case of double door units, reinforce the unit by fastening two screws in the header of the jamb, in the middle of each door.
- **Note: Do NOT fasten through the brickmould.**

STEP 9 ADJUST THE SILL

- Open and close door while analyzing the spacing between the door and the sill cap to confirm consistent margins.
- Install corner pads at the intersection of the bottom of the jamb and the sill behind the weatherstrip.



STEP 10 CAULK THE DOOR AND SILL

- Apply beads of caulk around the frame of the door unit where the brickmould meets the exterior wall.
- The sill must be caulked at the intersection of the sill and the jamb to ensure proper function of the frame.
- Additionally, caulk the bottom edge of the sill where the sill meets the rough opening.
- **Additional note:** if a sill extender has been installed, be sure to caulk the intersection of the extender and the sill.

STEP 11 INSTALL LATCH & DEADBOLT HARDWARE

- See manufacturer's instructions for proper installation.



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