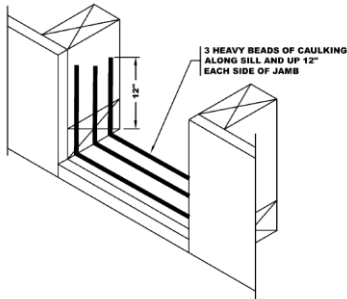
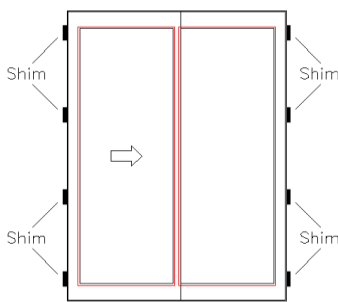


## Patio Door Installation Instructions

- Carefully remove packaging material, shipping blocks, etc.
- Ensure the sill opening is level for optimum seal. Correct at this time if necessary.
- Cut the weather resistant barrier from the rough door opening. Cut the top portion to create a 12" flap and temporarily tape above the head. Wrap the jamb and sill weather resistant barrier into the rough stud opening.
- Install sill pan flashing; start along the sill ensuring that the moisture membrane flashing overlaps into the rough opening the depth of the door and up 6" to 8" along the jamb. Note: Cut out two pieces of moisture membrane large enough to cover the gap created in the bottom corner when the sill moisture membrane will be applied. Set in place prior to applying the sill moisture membrane.
- Apply a triple bead of high quality caulking to the sub-floor of the opening and 12" up both sides. The external bead should be intermittent to allow trapped moisture to evacuate.



- Apply a continuous bead of good quality sealant along the jambs and head of the patio door nailing flange, and intermittently along the sill nailing flange if applicable. Door frame must be pushed into wall for caulking to properly seal off the brickmould and wall.
- Place the door into the opening and leave an equal gap between the door frame and studding. Install the 2 1/2" screw provided into the pre-drilled hole in the frame. Do not tighten at this point, only set into the studding to hold frame in place.
- Using a level and square, install the door frame level and plum. Install shims at all locations as indicated on installation drawing.



- Install and tighten the 2 1/2" screws provided into the predrilled holes in the frame. Do not install screws in the sill of frame. Install the provided screw into the predrilled hole in the head. Do not shim the head. Install the plugs to cover the hole. Be careful not to pull the door unit out of plum and square when tightening the screws.
- Should installation clips be used instead of screws and plugs, follow the same instructions as above, only turn the installation clips up or down and nail or screw the clips into place.
- Finish flashing the exterior of the door frame using siding tape or sheathing paper tape along the jambs and the header if not already done. Do not flash the seam between the underside of the sill and the exterior wall as this may prevent trapped moisture from getting out. Remove the tape holding the head weather resistant barrier flap and pull down over the head flashing. Apply tape over the diagonal cut made in the weather resistant barrier.
- Use fiberglass insulation to fill the gap between the door and the interior studding making sure to not overfill. Note: if using expanding foam, use low expansion foam as this could affect the operation of the door. If filling a deep cavity, it is recommended to make 2 passes with the low expansion foam; the first pass would fill half the cavity, time would be allowed to let it set, a second pass would fill the remainder of the cavity. Also, ensure there is room for at least 1/8" expansion and contraction on the external wall between the wall covering and the door trim.
- Adjust the operating sash height. Find the sliding sash height adjustment locations (2 per operating sash) located at the bottom of the operating sash accessed from each end. You must

slide up the small sash cover on the interlocking side in order to access the adjustment screw.



- Use a #2 Phillips screwdriver to adjust the operating sash height. Turn the height adjustment screw clockwise to raise the sash and counterclockwise to lower the sash.
- The operating sash should be spaced evenly between the frame on the top and bottom and remain level for proper operation.
- Check the operation of the patio door.
- **Remove the two dead latch screws and replace them with the 2 1/2" screws supplied with the patio door.**



- Note: If these screws are not changed, your door will not latch properly
- Adjust the dead latch if needed to align with the operating sash hardware.
- Find the screen height adjustment locations (2 per door) located at the bottom of the screen accessed from each end.



- Use a #2 Phillips screwdriver to adjust the height screws. Turn the height adjustment screw clockwise to raise the door and counterclockwise to lower the door.
- The screen should be spaced evenly between the frame on the top and bottom and remain level for proper operation.
- Check the operation of the screen.

### Installation of Painted and PVC Foiled Patio Doors

**Note: Caution must be used when installing siding against brickmould. There are air vents drilled into the edges of the profiles to allow air movement within the chambers. Should these be blocked by caulking or other materials, warranty will be void.**

Also, care should be taken to ensure that no damage can result from the linear expansion and contraction of the profile. Accordingly, the joint between the window or door and the masonry must incorporate an adequate gap. Please allow a 1/2" gap for window and door dimensions up to 4ft and an additional 1/16" per ft thereafter.

### General Care

- Use extra care when installing below 5° C/45°F avoiding impact to frame and sash.
- Operating hardware should kept clean of obstructions (dust, drywall dust, etc.) and be lubricated annually.
- Clean vinyl PVC by wiping with damp cloth using normal domestic washing fluids.

Please use these instructions as a general guide only. Visit [www.Kohltech.com](http://www.Kohltech.com) for a copy of the installation information. Please refer to the CSA Certified Product Listings Website for CSA Certified Kohltech Product. Please refer to the AAMA Certified Products Directory for a list of AAMA Certified Kohltech Products.

**Note: Refer to Building Codes applicable in your local area for additional door installation requirements.**