

### **Instructions for Sliding Patio Door (*New Construction*)**

#### **1. Prepare the opening**

- A. Allow for clearance of at least ¼” on either side of rough opening and ½” above the head jamb.
- B. Make sure the floor is level.
- C. Before you set the door in the opening, apply a high-grade sealant in two parallel strips along the length of the sub-floor from one side of the opening to the other. Also run a 3/16” bead of sealant (formulated to adhere to vinyl) around the perimeter of the rough opening.

#### **2. Installing the door.**

- A. Remove all packaging material from the door.
- B. With the operable sash removed set the bottom of the doorframe onto the sill plate and gently tilt it until the nailing flange is secured against the sheathing. Make sure the doorframe is properly centered.
- C. Insert a temporary screw through the nail fin at the top of the doorframe to hold the door in place.
- D. Make sure that the door frame is level and that the side jambs are plumb and square.
- E. Place three sets of wood shims along each side of the doorframe between the jamb and the rough opening. Align at least one shim with the strike plate on the latch side of the jamb. Secure the doorframe into the rough opening making certain to maintain square and level positioning of the door. Do not over tighten or distort jambs.
- F. Check again for level and square installation.
- G. Set operating panel into the doorframe and make necessary adjustments to rollers to maintain equal height and smooth operation of the operable sash.
- H. Close the door panel and adjust the shims to maintain uniform spacing between the operable sash and the doorframe all the way up and down the jamb. Also check that the operating clearance between the door panel and the head frame is uniform. Adjust with shims or adjust the panel rollers if necessary.
- I. Remove the temporary keeper screws and replace with the 3” screws provided making certain to screw into the wood framework of the rough opening.
- J. Fasten the door with an adequate number of nails around the exterior nailing flange (nail every 12”). Cover the nailing flange with a building wrap tape to insure air and water tightness.
- K. Insulate between frame and rough opening with fiberglass insulation, **DO NOT USE EXPANDING FOAM INSULATION.**
- L. Proceed with interior and exterior finish.

### **Instructions for sliding Patio Door (*Replacement*)**

#### **1. Prepare the Opening.**

- A. Remove existing door from opening making certain to clear away all debris and any exposed nails and screws from opening.
- B. Allow for clearance of at least ¼” on either side of rough opening and ½” above the head jamb.
- C. Make sure the floor is level.
- D. Before you set the door in the opening, apply a high-grade sealant in two parallel strips along the length of the sub-floor from one side of the opening to the other.

#### **2. Installing the door.**

- A. Remove all packaging material from the door.
- B. With the operable sash removed gently lift the door into the opening and set the threshold in place on top of the sealant.
- C. Check the threshold for level and use wood shims to plumb the jambs. Place at least three shims between the jamb and opening on each side of the door. Make certain to place a shim at the point where the striker plate will be secured to the opening and at each installation screw hole.
- D. Using the screws provided temporarily fasten the frame into the opening. Do not tighten the screws at this time.
- E. Install the operable sash into the frame and check for plumb and square. Make the necessary adjustments to the operable sash using the roller adjustments or to the frame using shims.
- F. Check again for plumb and squareness and make certain that the operable sash moves smoothly.
- G. Tighten the installation screws making certain not to distort the frame. Insert the hole plugs provided into the screw holes.
- H. Remove the temporary keeper screws and replace with the 3” screws provided making certain to screw through the shim and into the wood jamb. Do not over tighten the screws.
- I. Insulate between frame and rough opening with fiberglass insulation, **DO NOT USE EXPANDING FOAM INSULATION.**
- J. Proceed with interior and exterior finish.