

DIRECT GLAZED PATIO DOOR INSTALLATION INSTRUCTIONS

- 1) Measure rough opening (R.O.) to insure proper fit of the patio door. Opening should be no more than 5/8" greater in width and height than the actual patio door unit.
- 2) Sill plate of the opening **MUST** be level.
- 3) Apply a continuous 1/4" bead of 100% silicone caulk around the entire perimeter of the opening to allow the nail fin to be seated. Also apply a minimum of two 1/4" beads of 100% silicone caulk in a serpentine pattern across the entire width of the sill plate to allow the sill of the door to set in.
- 4) With the operable panel removed, place the door into the opening making sure the roller track is down and the door is plumb, square and level. **(Failure to follow this procedure will cause this door to operate poorly)**
- 5) From the outside, nail top corner. (Nail must penetrate the stud at least 1"). Proceed to nail the opposing top corner. Begin to secure jambs in the rough opening through every other pre-punched hole in the nailing fin.

Note: Do not nail across the head until the operable panel is installed.

- 6) Lift the operable panel and set it into the roller track. This is done by raising the panel into the pocket in the head and setting it down gently into the sill track.

Note: The interlock must be to the center of the frame facing the outside.

- 7) Make sure the rollers are positioned at the base of the panel. Move the panel back and forth to insure the rollers are on the track.

- 8) Once the panel is properly installed and secured, finish the installation of the frame head by nailing through the pre-punched nailing fin holes beginning 4-6" from the corner.

Note: As an option to reinforce the head you may drive a #8x3 pan head screw through the doors head profile and into the rough opening header material. Be sure to place a shim between the door and the header material. The screw should be centered in the operable panel track and located at the center point of the door..

- 9) Now it is time to fine-tune the active panel. Open and close the panel to check operation. Also check to see if any of the perimeter seals are exposed. The active panels rollers can be adjusted up or down from the lower left or right hand corners of the panel.

10) At this time you can secure the sash keeper using the #8x3 pan head screws provided. Adjust the keeper to allow minimum movement of the active panel with a positive engagement. Remove one of the keeper screws used for shipping and replace it with one of the 3" screws provided. Repeat this with the other screw. (Be sure to shim the space between the door and the stud behind the keeper, as you would with any other door strike during a proper installation.)

- 11) When adding your siding material, be sure to install a proper flashing across the entire width of the open door. Also be sure to use 100% silicone caulking to seal between your siding material and the perimeter of the door.

- 12) Insert the screen into the outer track of the patio door frame. Adjust the rollers as needed and install the screen handle and keeper provided.

NOTES: It is the sole responsibility of the building owner, architect and/or contractor to select D Shapes & Doors architectural windows and patio doors that conform to all applicable laws, ordinances, codes and safety requirements. D Shapes & Doors shall not be responsible for architectural windows and patio doors not installed in compliance with applicable local and federal codes and regulations.

D Shapes & Doors accepts no responsibility whatsoever for failure of a building owner, architect, contractor and/or consumer to install D Shapes & Doors architectural windows and patio doors in accordance with approved installation details. The customer assumes all the risk of alterations made to D Shapes & Doors architectural windows and patio doors.



**** THIS SUPERSEDES ALL PREVIOUS INSTALLATION INSTRUCTIONS ****

Altoona, PA (814) 940-1677