



## **Installation Instructions For ELIXIR Housetype Combination Doors**

### **SIZE AND ROUGH OPENING**

Elixir Housetype Combination Doors, Series 6000 (prepainted steel skins), 8000 (vinyl steel skins), & 9000 (vinyl steel 6-panel skins, folded edge), are designed so that the rough opening dimensions are the same as the call size. (Tolerance -0" + 1/4")

### **INSTALLATION**

**Be certain the floor is level and that the rough opening is square before attempting installation.**

1. Make certain all mounting surfaces (siding seams included) are securely fastened and flat around the perimeter of the rough opening. There should be no obstructions in the opening (i.e. metal straps, belt rails, etc.).
2. Apply sealant tape to the backside of the door's mounting flange, covering all screw holes.
3. **Do not open the door or remove shipping clips or shims before installation.** Opening the door before installation will destroy the proper squaring of the door. The storm core is purposely set almost touching the frame at the top of the lock side of the door. If shims are not in place: position one shim in the striker location and another 2/3 the way down.
4. Insert the door assembly carefully into the rough opening. Make certain the doorsill is secure on the floor. *(When installing a door with a vinyl receiver frame, make sure that the screws are being driven into a stud or some other support. The vinyl receiver storm frame has installation holes that are wider than our standard storm frame. Therefore, it is possible that the screw holes would be too wide for standard studs.)*
5. Fasten the door with screws using the following method. Drive six screws into the outer frame. Drive one screw in the middle, top, and bottom of the hinge side; then do the same on the lock side. At this point, open and close the door to check the sealing and workability. After this check, install the remainder of screws.

**Note: Screws should NOT be angled or over driven.  
Elixir recommends using #8 x 3/4" or larger screws.**

6. Open the door and remove the shipping shims or fasteners.
7. When installing the door lock, place the seal on the exterior side of the door, and position the door lock where the teeth of the key are pointing up when

inserted into the lock. The drain hole will be at the bottom when installed properly.

8. For those installing a storm closure kit, make sure that the four long screws that come with the kit are installed through the closure plunger bracket, through the jamb, and into the stud. It is recommended that the holes for these screws be predrilled. **DO NOT** over penetrate the screws; this will distort the jamb board. The closure bracket needs to be placed as noted below.

**Jamb width**

4", 4.5", 6.5"

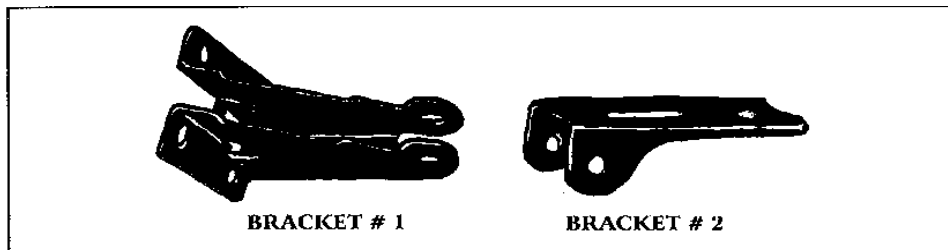
**Closure Brackets Placement**

For doors with conventional or fullview storms, Bracket # 1 should be mounted .25" (1/4) behind the storm centered in line with the storm door mullion bar. The arrow and the words "storm door" on Bracket #1 should be pointed towards the storm door. Bracket #2 should be centered on the width of the flat surface of the storm door mullion bar. (See notes)

For doors with all glass fullview storms, Bracket #1 should be installed at the top of the jamb. Pre-drill holes with a 1/8" bit. Bracket #2 should be installed in line with Bracket #1 and attached to the surround of the storm. Pre-drill these holes as well. (See notes.)

**Notes: Determining the placement of Bracket #2 on the length of the storm door mullion bar or storm surround.**

After the door unit has been installed, install Bracket #1 in the proper location and attach the closure cylinder. Open the storm door to the desired location and pull the slider rod on the closure cylinder out until it strikes the storm door mullion bar or storm surround. The point where the slider rod touches the mullion or storm surround is where Bracket #2 should be centered on the width of the flat surface of the storm door mullion bar or storm surround.



9. If the gap between the studs is greater than 1/4" and if the jamb is bowed out at the lock, it will be necessary to shim behind the jamb. **DO NOT** over penetrate the screws; this will distort the jamb board.
10. Housetype doors larger than 34 inches in width have five (2-1/2") screws taped to the door. Three are pan head screws and two are flat head screws. These screws **must** be used during installation, as this is the way the doors were certified. The Elixir Housetype door is tested using this method so that the doors will reach higher wind loads. These screws may be installed at the factory or at final destination. Remove the top screw on each hinge and

install the 2-1/2" pan head screw into the hinge, through the jamb, and into the stud. There also must be one (2-1/2") flat head screw installed in both the deadbolt striker plate and in the regular striker plate.

11. If the Elixir door is installed properly in the rough opening, the door should not have to be removed or adjusted until the home is setup at the final destination and the perimeter blocking has been completed. What happens sometimes between installation and final setup, a house will be sitting in a position that the door could be racked. The door should not be adjusted because the door should return to the original squared position once the house is setup and leveled.

If adjustments are made before final setup, adjustments will probably need to be made again.

### **SETUP**

**The home needs to be setup properly if the door is to work properly.**

12. The home **MUST** be level for proper operation. We recommend the door be perimeter blocked underneath both sides of the door.
13. After the door has been installed with hardware and the home is in a level position, check to see that the door is opening, closing, and sealing properly. It may be necessary to adjust the door stop (if metal stop), or the storm door closure.
14. After the home has been setup at the final destination for at least one month, the perimeter blocking needs to be inspected to insure the home and/or blocks have not settled. If the home or blocks have settled, the perimeter blocking under the door(s) needs to be adjusted so that the blocks are secured tightly against the frame of the home. These inspections need to be conducted every two to three months or when ever the door(s) seems out of adjustment.