



Installation Instructions for ELIXIR Regular Outswing Double Door

SIZE AND ROUGH OPENING

Elixir Regular out swing double doors, Series, 200, 300, 400, and HD 407 (vinyl steel skins), are designed so that the rough opening dimensions are the same as the call size. (Tolerance-0, +1/4")

Rough opening is 73" X 80" for a 73" X 80" (call size) door.

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 double door unit's mounting flange, covering all screw holes.
3. When installing the door lock, place the seal on the exterior side of the doors, 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.
4. **Do not open the doors or remove shipping clips or shims before installation.** Opening the doors before installation will destroy the proper squaring of the double door unit. If shims are not in place, position one shim at the bottom of each door between the cores and the threshold. Position the other shim near the striker plate between the active core and the center bar.
5. Insert the double door unit assembly carefully into the rough opening. Make certain the door sill is secure on the floor and that the frame is NOT twisted.
6. Fasten the double door unit with screws using the following method. Drive twelve screws into the outer frame. Drive three in the middle of top, bottom and both hinge sides. At this point, verify that the gap between core lip and the frame knuckle is consistent around unit. After this check, install the remainder of screws.

Note: Screws should NOT be angled or over driven and be certain that the frame is NOT twisted.

Elixir recommends using a #8 x 3/4" or larger screws.

7. Open the doors and remove the shipping shims or fasteners.

8. Drive two #10 X 3” screws - one #10 x 3” screw placed near cane bolt through the header and one #10 x 3” screw placed near cane bolt through thresh hold.

Note: These screws are positioned to keep the cane bolts engaged under extreme wind loads. Do not over tighten these screws – if frame twists during tightening it may be necessary to shim between door header and building header – to prevent distortion of frame.

9. When installing a door chain, make sure that the chain bracket is screwed down in the position marked by a label at the top of the door.
10. Elixir recommends that a drip cap be installed over all regular outswing doors.
11. If the Elixir double door unit is installed properly in the rough opening, the unit should not have to be removed or adjusted until the building is setup at the final destination and the perimeter blocking has been completed. What happens sometimes between installation and final setup, a building will be sitting in a position that the door could be racked. The double door unit should not be adjusted because the unit should return to the original squared position once the building is setup and leveled.

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

SETUP

The building needs to be setup properly if the double door unit is to work properly.

12. The building **MUST** be level for proper operation. We recommend the building be perimeter blocked underneath both sides of the double door unit and in the middle.
13. After the double door unit has been installed with hardware and the building is in a level position, check to see that the doors are opening, closing, and sealing properly.
14. After the building has been setup at the final destination for at least one month, the perimeter blocking needs to be inspected to insure the building and/or blocks have not settled. If the building 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 building. These inspections need to be conducted every two to three months or when ever the door(s) seems out of adjustment.