



# IRON DOOR INSTALLATION INSTRUCTIONS



The following instructions apply to all stock configurations of Complex Iron Doors. For additional product information, please contact your Complex representative.

1. Check framing for correct rough opening measurements. Check for finished floor. You may have to build up to achieve needed dimension (figure 1). **Note – the threshold only allows for 1-1/2” buildup. Also check to see if floor is level; typically some shimming is required on one side of the door frame or the other.**



figure 1 (step 1)

2. Check framing to insure it will be secure enough so there is no movement in the

door after installation (your door installation is only as good as what you bolt to.)

3. Set the frame centered in the opening without the door(s). Check for plumb and level (figure 2).



figure 2 (step 3)

4. Install 3/8” x 3” hex head lag bolts in large holes of bottom flanges only at this point (figure 3).

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**Note – do not tighten bolts at this point. Pre-drill for the lag bolts, to keep wood studs from splitting.**



figure 3 (step 4)

- 5. Hold the door frame in place. Measure the door for square. When level, apply top flange lag bolts to large holes. Do not tighten. Hang door panels (figures 4 & 5).



figure 4 (step 5)



figure 5 (step 5)

- 6. Check the doors to make sure that they are even with each other at the top. This adjustment makes sure that the lock assemblies will line up (figure 6).

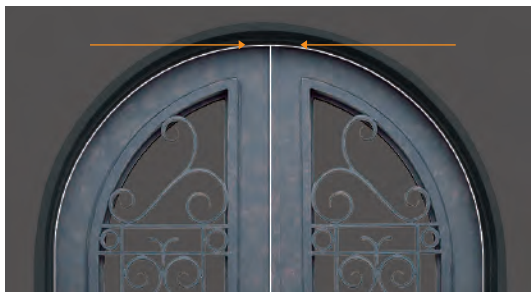


figure 6 (step 6)

- 7. If margin adjustment is needed, move the door frame with a pry bar or equivalent tool. When margins are correct, install and tighten all lag bolts at this point.
- 8. Measure the opening at the bottom from “inside of frame to inside of frame”. Cut the threshold to fit into place of opening (figure 7).



figure 7 (step 8)

- 9. Remove the brace from the frame of the door. Take fine grit sand paper and clean the corners where the brace attached to the frame, apply black touch up paint to the area where brace has rubbed frame to cover any raw metal (figure 8).



figure 8 (step 9)

- 10. Spread silicone on the floor under where the sill will sit to seal the threshold. Lay sill into place (figure 9).



figure 9 (step 10)

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11. Remove the screws from the riser on the threshold and drill 4 holes evenly and insert appropriate screws in place to secure the threshold. Replace the riser (figure 10).



figure 10 (step 11)

12. Position stationary door even with the inside of frame. Use a dab of silicone on end of top and bottom throw bolts to mark where the 1/2" hole will need to be drilled (figure 11 & 12).



figure 11 (step 12)



figure 12 (step 12)

13. Throw upper flush bolt, close active door and check flange to make sure it is flush with the active door. If it is not properly margined, push or pull the bottom until active door is flush with stationary door. Mark the location where throw bolt makes contact with the frame and drill a 1/2" hole (figure 13 & 14).

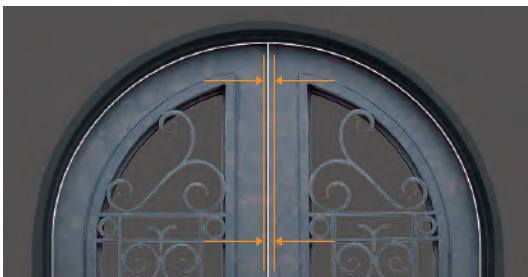


figure 13 (step 13)



figure 14 (step 13)

14. Caulk the sides of the threshold at the corners and in front of threshold to seal it.
15. Adjust the sill riser to make contact with the door sweep. The sweep can be adjusted up or down for sealing (figure 15).



figure 15 (step 15)

16. Hang window sash panels by lifting onto the small hinges located on the jamb side of the door panels (figure 16).



figure 16 (step 16)

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- 17. Adjust window sash latches as needed by turning sash lock screws securely.
- 18. Touchup paint is provided in both black and copper/bronze colors (figure 17).



figure 17 (step 18)

- 19. If needed, install temporary hardware (supplied with door unit) to insure alignment of hardware preps. Install extended strike plate included in kit if gap between doors is too wide for hardware latch to reach inactive door (figure 18).



figure 18 (step 19)

- 20. Installation is now complete.



figure 18 (step 19)

For additional product information  
Please visit  
[www.complexirondoors.com](http://www.complexirondoors.com)  
or call us at  
(901) 547-1198 (x107)

### NOTE:

Iron doors are very strong, durable heavy products. These doors may require some additional pressure to close and latch until the fresh weather-stripping becomes acclimated to the frame and panel(s). If additional adjustments are needed to the panels to ensure even margins, take a small piece of composite decking (or similar) and gently wedge between the two panels. Close the two panels until pressure is applied and then check margins. Repeat if necessary.

