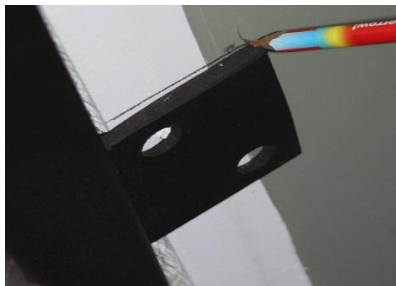


## Door Installation Guide

1. Verify that the rough opening (r/o) is at least  $\frac{1}{2}$ " wider on all sides of the outside of the jamb. This means your r/o will need to be 1" wider and  $\frac{1}{2}$ " taller than the outside measurements of the jamb.
2. Make sure the framing surrounding the door is solid and free of movement. If the walls surrounding the door are not properly secured, this could allow for unwanted movement of the door after it is installed in the r/o. This could result in damage of the door unit.
3. Check the r/o for any security wires that may need to be installed into the jamb of the door and the slab. Drill and install wires and contacts as necessary.
4. Check the height of the finished floor in relation to where the sweep on the door slab will be. It may be necessary to raise the area under where the threshold of the door will rest. Keep in mind any rugs or floor coverings the customer is considering placing at the interior entrance area of the door and allow for clearance of the door slab and the sweep. If extra room is required, you will need to add this to the height of the r/o.
5. Place the door jamb, or frame, in the r/o. Make sure the threshold portion of the frame is resting completely flat on the subfloor and that no debris is under the jamb.
6. After making sure the jamb is plumb, square, and level, mark the studs or sheetrock where the mounting flanges are and the bolt holes of the flanges (picture 1). For retro-fit installations, it is necessary to remove the sheetrock behind the flanges so the bolts do not hinder the ability to install casing on the inside after the door is installed (picture 2).



Picture 1



Picture 2

7. Next, pre-drill pilot holes for the mounting bolts to keep the studs from splitting, which would weaken the integrity of the installation (picture 3). Now you are ready to secure the jamb into the r/o with the bolts through the mounting flange into the studs (picture 4)



Picture 3



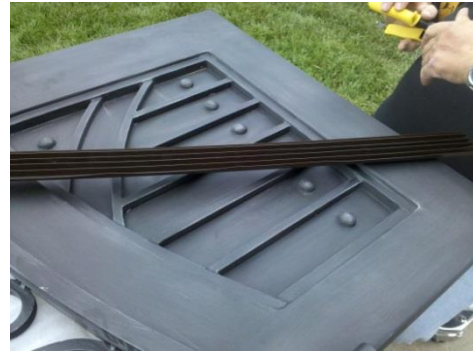
Picture 4

8. Now, place the slab(s) onto secure saw horses or other support to install the sweeps. Make sure to protect the surface of the door by putting a moving blanket or carpet on top of whatever the doors will be resting on. Now that the doors are resting securely on your 'work station', it is time to install the sweeps on the bottom of the slabs.

9. Install the sweeps onto the bottom of the slab in the method shown in [picture 5, 6 & 7](#):

### How to Install Sweeps

1. SWEEPS are packaged with your door slab(s). [Picture 5](#)
2. You may need to trim them to fit. [Picture 6](#)
3. Remember to drill a hole in the sweep for the flush bolt of the inactive double door.
4. Tap sweep into grooves of slab with a hammer. It may be necessary to use a shim to help seat the fins of the sweep into the grooves. [Picture 7](#)



Picture 5



Picture 6



Picture 7

10. You are ready to hang the slabs on the hinges. Make sure to install the washers on the hinge pins before hanging slabs. We recommend removing the glass from the slab to make the door lighter, and easier to handle when re-hanging the doors ([picture 8](#)). Placing the slab on the hinges is best done with two installers. Pay close attention to where you handle the door, especially if you are holding the door by its scroll work. The scroll work could become bent or damaged if pressure is applied in the wrong fashion.



Picture 8

11. With the slab(s) on the hinge(s), hang the glass sash on the slab and secure the sash with the cam locks.  
(Pictures 9, 10 & 11)



Picture 9



Picture 10



Picture 11

12. All that is left is to install the handle(s) and you are ready to enjoy your iron door from Iron Doors Unlimited.

