

## Old Mobile Iron Installation Instructions

Old Mobile Iron Doors can be installed in both 2 x 4 & 2 x 6 framing. See step 5 for information on proper door placement.

### 1. Installation Materials

- a. (12) 3 5/16" Galvanized Hex Head Lag Bolts
- b. (12) 5/16" Flat Washers (overall diameter under 1")
- c. 1 Tube exterior grade caulk
- d. 5/16" drill bit

### 2. Basic Handling Instructions

You will need at least two men to handle and install the iron door unit. Each Iron Door includes 5 pieces (Frame, Right Door Slab, Left Door Slab, Right Glass Panel, Left Glass Panel). Handle each individual piece separately.

### 3. Prepare Rough Opening

- a. Your rough opening should be 1 inch larger than the width of your door unit and ½ inch taller.  
ATTN: A larger rough opening will weaken the door installation and may cause injury
- b. Check that the surrounding framing is solid and free of movement. We suggest using 2 X 6 framing or extra bracing in a 2 X 4 wall.
- c. Confirm subfloor is level. Door must be installed on a level threshold.
- d. Check that opening is plumb and square.

### 4. Unpack The Iron Door

- a. Remove the frame from packaging being careful not to damage the finish. Make sure to open on the wall side of the frame to avoid damaging any painted areas. Remove each door from the crating carefully.
- b. Open the glass frame 90 degrees and lift upward to remove from the door panel. Store carefully until needed to protect finish

### 5. Install Frame

- a. Prep the subfloor for installation with caulking.
- b. Install door frame into rough opening, aligning frame to finished interior or exterior wall surface. We recommend installing so that 1 ½" exposed frame is on exterior surface. Check that frame is level and plumb.
- c. Shim threshold as necessary to level.
- d. Once level, install shims between frame and rough opening at each installation hole location. We recommend pre-drilling each hole through shims and into framing to avoid splitting. Begin installing bolts with washers into pre-drilled holes in the frame. Checking after each bolt that the frame remains plumb and level.
- e. Install hole plugs over each bolt.

### 6. Install Door Panels

- a. Reinstall door panels into frame being careful not to damage finish.
- b. Install the glass frame onto the door panels by lifting glass panel and lowering onto hinge pins.

## 7. Check Unit for Proper Installations And Alignment

- a. With door and glass panels installed, check the unit for proper operation and alignment. Adjust installation screws to maintain correct operation and alignment of door unit.

# PROTECT YOUR IRON DOOR

## COVER IRON DOORS DURING CONSTRUCTION

Ensure that you protect your pre-finished iron door throughout the entire construction process. Cover your door while the home is under construction as paint, sheet rock mud or brick mortar can damage the finish. Store your doors carefully to avoid any damage to the finish. Cover each door loosely with plastic using painter's tape to avoid any scratches to your door during construction. Make sure that no tape touches the doors themselves, only the plastic. The tape will damage the Iron Door's finish.

## MAINTAINING/ CLEANING DOOR

To clean your Iron Door, we suggest using mild soap and water only with a soft cloth. Using harsh chemicals (Mineral Spirits, Oops Remover, etc.) or abrasive cleaning materials will break down the finish and potentially damage the door. The door's hinges should be greased once a year to ensure smooth operation.