



Forged Iron Doors

Installation Instructions

Packing List – Items Included:

- Door/s with Decorative Scroll and Operable Glass Insert
 - 2x6 Frame with Bottom Installation BRACE - (Do not remove support BRACE - *see instructions)
 - Compression Weather-stripping (3 or 4 ea. Loose) (Brown)
 - Vinyl (Tension) Door Sweep/s (1 or 2 ea. Brown)
 - Composite Adjustable Sill (1 ea. Black)
 - Entry Door *Handle-Set for Active Door (with Key)
 - Entry Door *Handle-Set for Inactive Door (Double Door Only)
- * NOTE: Handles must be purchased Separately (Installed)**

Hardware Needed prior to Installation:

- 10 each 3/8" x 3" Lag Bolts
- 10 each 3/8" metal washers
- 1 each Roll of 9" wide Flashing - Moistop E-Z Seal Forti-Fiber
 - 4 each tubes of Silicone Caulk
- 3 to 4 each 1-1/2" x ? Wood or concrete screws (depending on sub-floor)

Important!

Do not remove Metal Brace bolted to the bottom of door unit – until after the door has been installed (without sill), secured and checked for square, plumb & level.

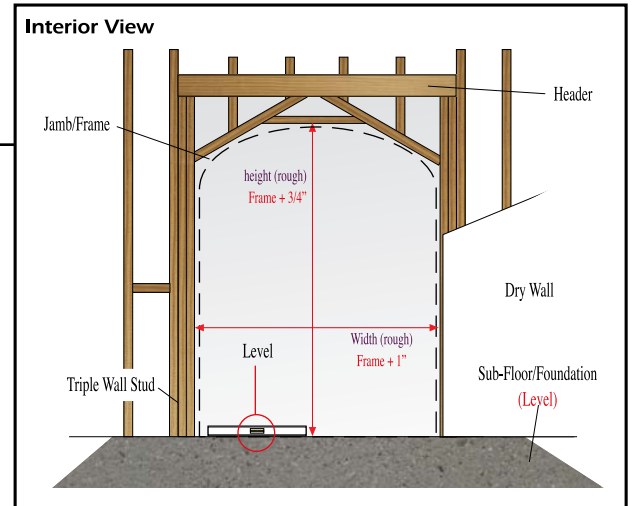
Instructions

Step 1

Prepare Rough Opening

1. Check to make sure rough-opening width is 1 full inch wider and 3/4" taller than the net outside frame size.
2. Make sure the floor/sill area is LEVEL.
- Make sure to leave at least 1-3/8" clear opening between the door/s and your floor – this will ensure the proper installation of your sill.

Fig. 1



Step 2

Installing Door Frame Safely:

1. Position (Lean) Door/s against a wall with the Hinges facing you – to prevent injury.
2. Remove Glass Panel/s Insert by un-locking cam-locks and lifting it up and out from the hinges
3. Remove Door Panel/s by swinging door/s open and lifting up & out from Hinges. Set door/s aside. Set frame in position and mark the interior wall where flanges/tabs are – 5 total. (See Fig. 2)
4. Set and square the frame into the opening and shim behind the frame
5. Cut & remove drywall around flanges so flanges sit directly on the wall studs. (See Fig. 3)
6. Using 2 ea. 3/8" x 3" Lag Bolts and washers per Flange/tab, Screw the frame in place making certain it is square, plumb and level. (Extra washers may be used in back of flanges to make certain frame is plumb.)
- The frame should now be secured in place; Square, Plumb & Level. *Now remove BRACE bolted to the bottom of the frame.

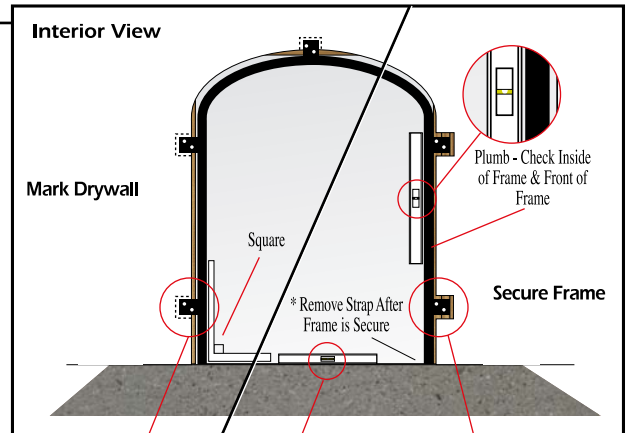


Fig. 2

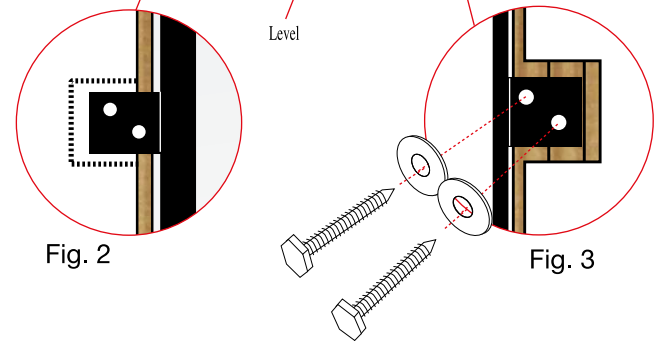


Fig. 3

Step 3

Installing Door/s Panels & Glass Venting Inserts Onto Frame & Door Panels

1. Apply a small amount of grease onto each post/barrel hinge, then set the Door Panel Post onto Barrel end of hinge/s in the open position. Make sure to align the Post with the Barrel as you set it in place. (See Fig. 4)
2. The door/s should have a uniform –even reveal - look around all sides. (See Fig. 5)

Follow the same procedure for the Glass Venting Panel/s Insert/s as the door panel/s (above).

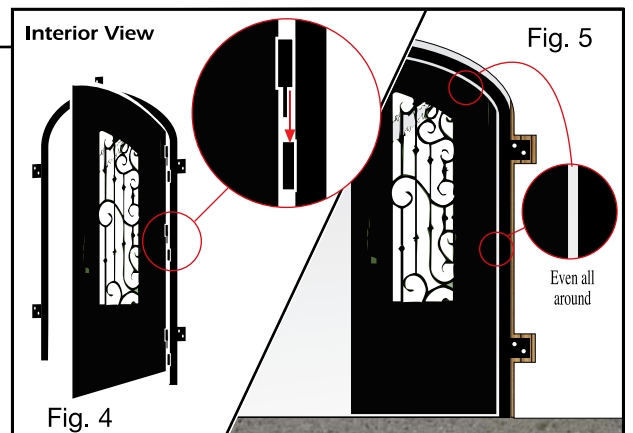


Fig. 4

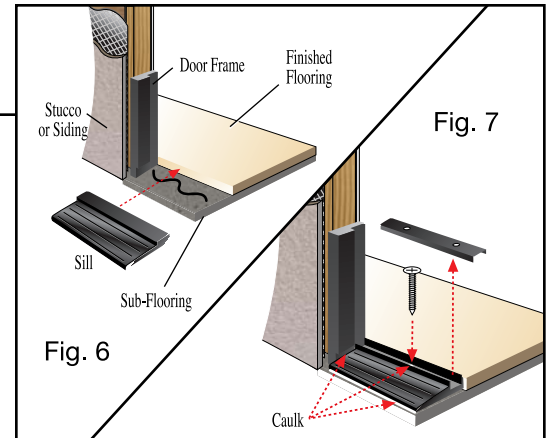
Fig. 5

Even all around

Step 4

Installing Threshold

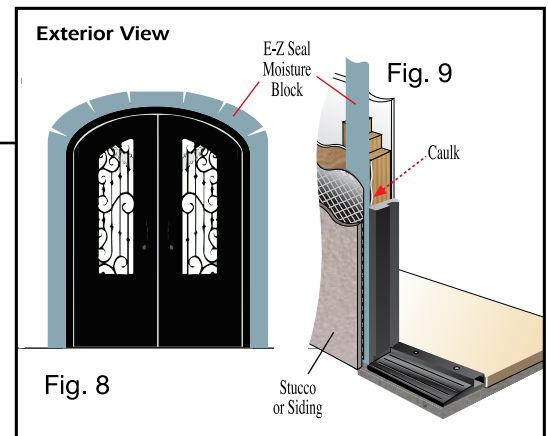
1. Adding a liberal amount of silicone to the sub-floor, slide threshold under doorframe and set on top of silicone. (See Fig. 6)
2. Remove adjustable sill cap and drill 3 evenly spaced holes through bottom of door sill-channel.
3. Using the appropriate fasteners, screw sill in place.
4. Apply Silicone to the front edge of Sill and Sections/Corners where Sill meets with Iron frame and on screw heads used in sill. (See Fig. 7)



Step 5

Applying Moisture Block - Flashing

1. Use silicone, caulk around entire frame and where frame meets the Sill. (See Fig. 8)
2. Attach E-Z Seal moisture block with Self-adhesive backing to edge of frame and tuck behind stucco wire or siding. (See Fig. 9)

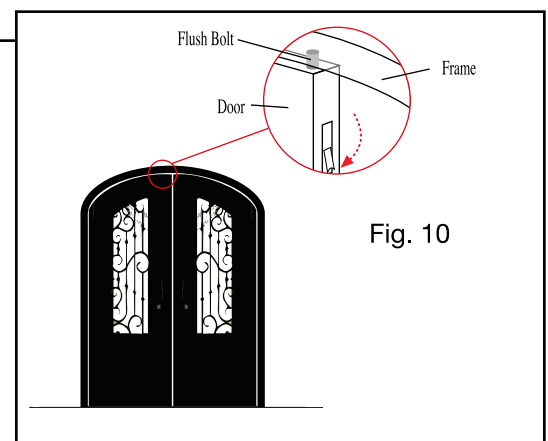


Step 6

Inactive Door Locking System

Important - Make certain Door is square, plumb and level before drilling!

1. Using any paint/chalk like material, coat the tip of the top flush bolt, align In-Active door in proper closed position and engage flush-bolt marking the frame. Using a 1/2" drill bit for Metal, begin to drill-out hole. When Flush-bolt is activated the bolts will now lock into place. (See Fig. 10)
2. Repeat at the bottom, marking and drilling Sill-Cap.



Finish and Care Instructions

Glass: Clean with mild soap and water.

Metal: Wipe down with a damp cloth.

Hinges: Post and barrel hinges may be lubed from hinge bottom, without having to remove door panel using a grease gun.

Trouble Shooting

Troubleshooting

Double check! It is VERY important that the frame is square, plumb & level. If not, door will not operate correctly. Using extra washers behind the flanges can help to plumb the frame. Make certain the subfloor is level!

1-800-368-7850 Please Call should you require further assistance.

Warranty Information

Warranty Information

Escon Doors warrants its Forged Iron Door products to be free from defect and of good workmanship and materials for a period of: Ten (10) Years Mechanical / Five (5) Years Glass / Two (2) Years Finish - from the date of sale to the end user. Escon Doors will repair or replace at its sole discretion any product deemed defective as determined by an Escon Door Representative.

Mechanical Failure- Ten (10) Years: Hinges, Flush Bolts, Welding Joints and HandleSet/Lockset

Glass Failure - Five (5) Years: Condensation Only

Finish Failure – Two (2) Years: Finish Flaking from Metal Only

This warranty excludes; installation, broken glass, worn weather-stripping, finish weathering and sill wear. Escon Doors, Inc. finishes may age relative to exposure i.e. direct sunlight and/or proximity to Ocean. In time, finish may rub off in places due to the frequency of use. Escon Doors, Inc. does not consider this to be a defect, but rather a normal process, which may not be avoided, and over time enhances the naturally aging appearance of the metal. Escon Doors, Inc. Iron Doors and its components are hand crafted. No two designs are identical and slight variations are normal and unique due to the handcrafting of the forged iron doors and their components.

Escon Doors, Inc. assumes no liability for any labor charges regarding the installation, removal or reinstallation of doors.

Damages caused by accident, misuse, abuse or improper installation are not covered by this warranty. All disputes relating in any way to these Terms and Conditions of Sale shall be resolved in the state of California, and California law shall govern such disputes.

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