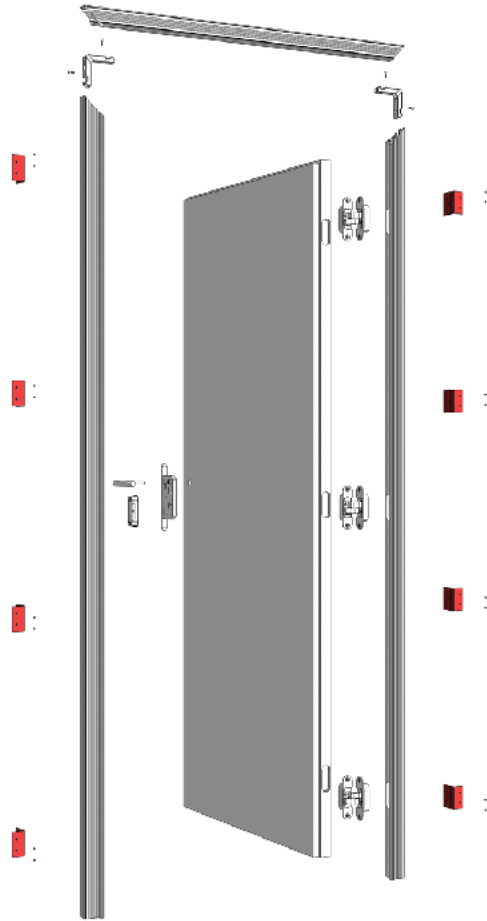




## INSTALLATION

### FS2 Frameless Swing

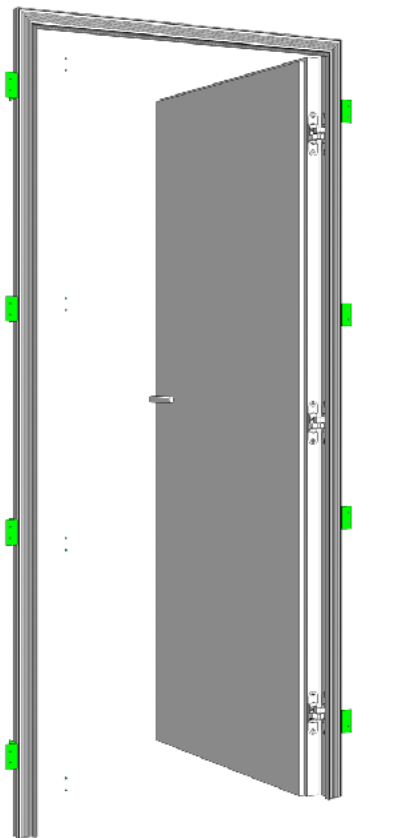


Insensation's FS2 Frameless Swing door is the easiest and strongest 2" thick frameless door to install. All the components, hinges, magnetic lock, leaf and frame are pre-milled and pre-installed in our manufacturing facility. This will save you hours and days of work.

**Please read all of the 3 following steps before starting the installation.**

## STEP 1

Attach the RS Installation-brackets as shown on the Reverse Side of the frame (not the flush-to-wall side). There will already be installed 4 Flush-Side FS installation brackets, which will help you position the door in the rough opening without needing additional help. These FS brackets can be screwed to your underlying wall structure, and after you have installed the reverse-side brackets, the FS brackets can be removed.



## STEP 2

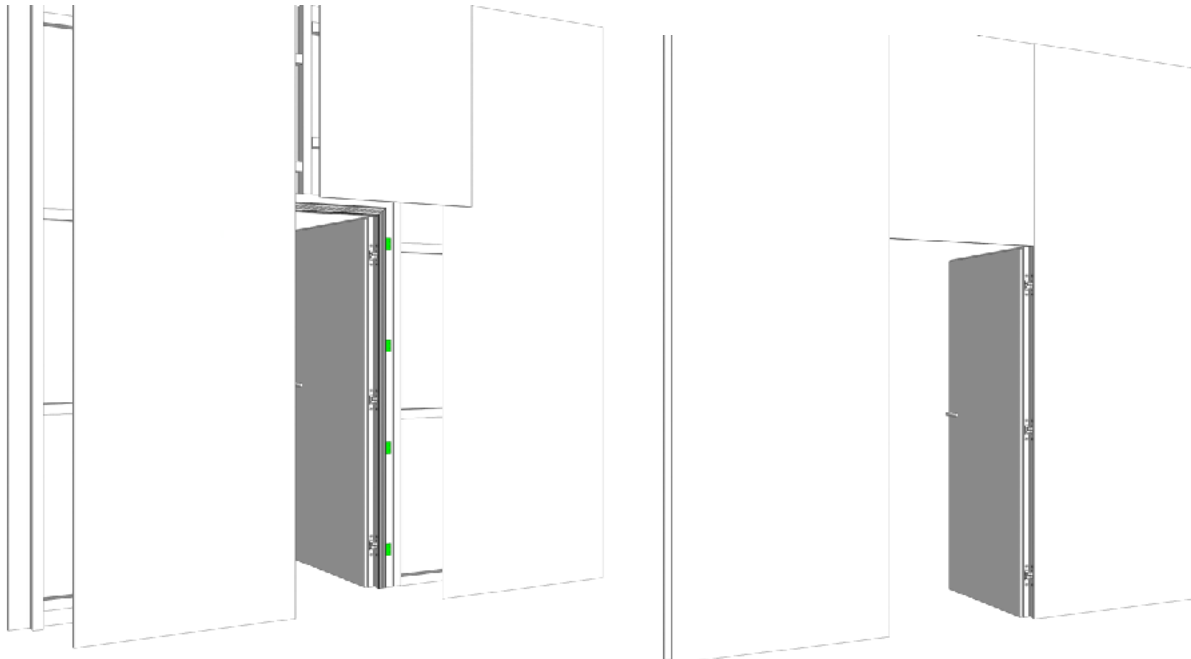
Fix the RS-brackets to the underlying wall structure. The wall can be any kind of wall. Refer to the CAD drawings from your architect for determining single or double drywall, or even solid brick, block or solid plaster walls.

Depending on the raw openings which were prepared, you may have to provide blocking or shifting to eliminate the gap between the opening and the RS-brackets.

Using leveling lasers will assist you in making sure the horizontal and vertical axis of the door frame are perfectly square.

After the frames are attached securely to the underlying wall structure, most contractors fill the gap between the door frame and wall with good quality construction foam.

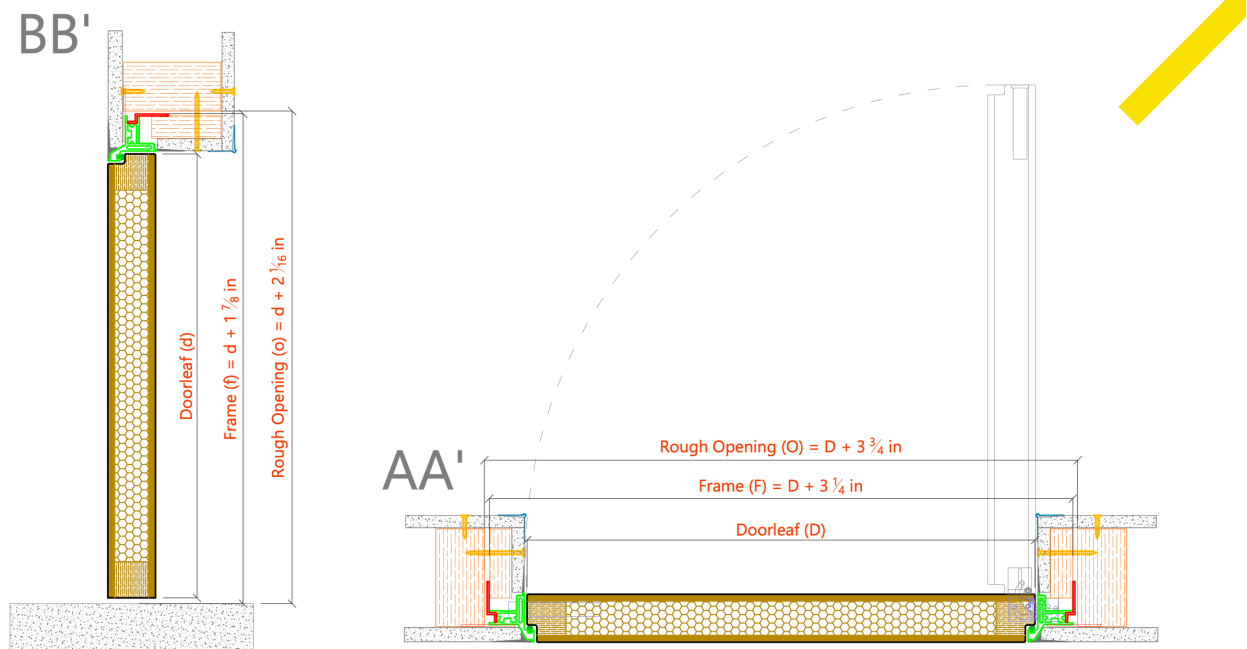
Remember that the installation of the drywall on top of the door frames is going to provide an additional layer of solidity to the entire construction. Be sure to pre-drill holes in the door frame when you fix dry wall directly to the frame. Be sure to not drill through the hinge or lockcase area.



### STEP 3

Install the drywall over the frame. The installation of the drywall is accomplished using standard drywall practices that are used in the trade. You will need one edge bead for the return side of the wall. The frameless door frame will act as the edge bead on the flush side of the wall.

Always refer to the DWG files on our website for the latest technical drawings.



The Insensation FS doors are **universal** doors, meaning they can be installed either PULL-OUT or PUSH-IN using the same exact frame. Simply turn the frame 180° to change the function. The installation procedure remains identical in both instances.



PRODUCTS by www.usg.com	Frame HINGE side (cut out openings in drywall)	Frame LOCK side
Sheetrock First Coat Primer	Apply with brush on the ribbed aluminum and let it dry. (Only if there are openings between drywall and frame)	
DuraBond	Apply first layer on aluminum. Create the mix according to the instructions on the packaging.	Apply first layer on aluminum. Create the mix according to the instructions on the packaging.
Beadex Drywall Joint Tape Thickness 2 inch	Push the tape in the DuraBond. Make everything air-free with the spatula. Put the rest of the DuraBond on the tape.	Push the tape in the DuraBond. Make everything air-free with the spatula. Put the rest of the DuraBond on the tape.
DuraBond	Second layer is not necessary.	Second layer is not necessary.
Plus3 Light Weight All Purpose Pre-Mixed Joint Compound	1 layer Plus3, apply 24h after DuraBond. DuraBond has to be completely dry.	1 layer Plus3, apply 24h after DuraBond. DuraBond has to be completely dry.

Finish with plaster according to the instructions above. Your professional drywaller may have his own specific methods that will work just as well.

**Press deeply so Durabond fills all gaps  
with no air pockets.**



**Durabond**

**paper tape on  
joint compound**

**Easy sand or  
joint compound**

**paint**



**Press deeply so Durabond fills all gaps with no air pockets.**

**Multiple drywall layer for thickness.**

**Corner bead on joint compound**

**Durabond**

**Easy sand or joint compound**

