



# Pivot Doors

## Information Manual

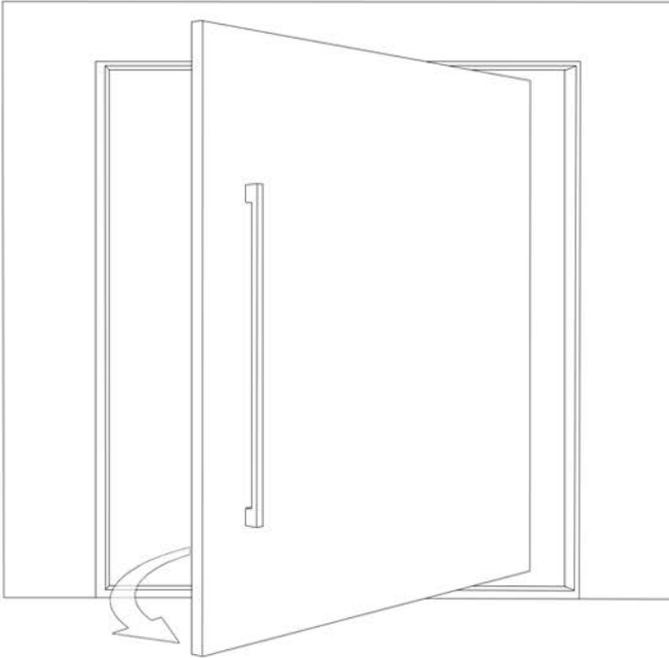


# Pivot Door Handing



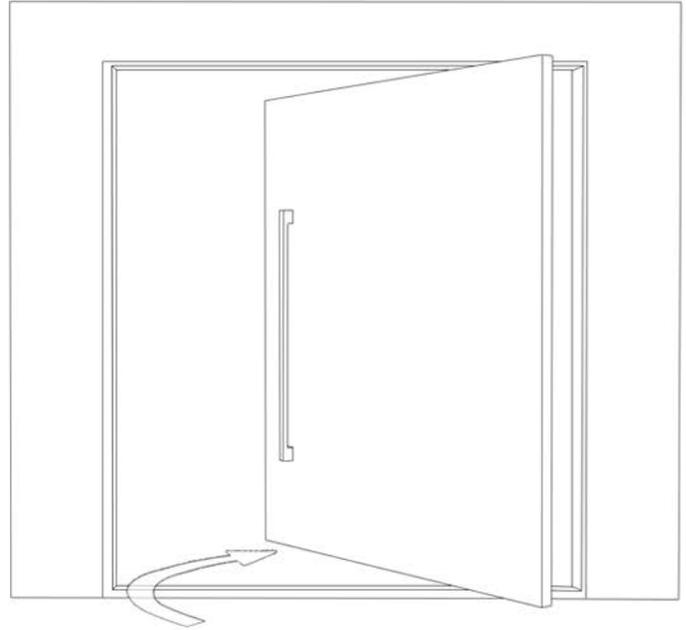
## Right Hand Outswing

Pull open, opens to exterior



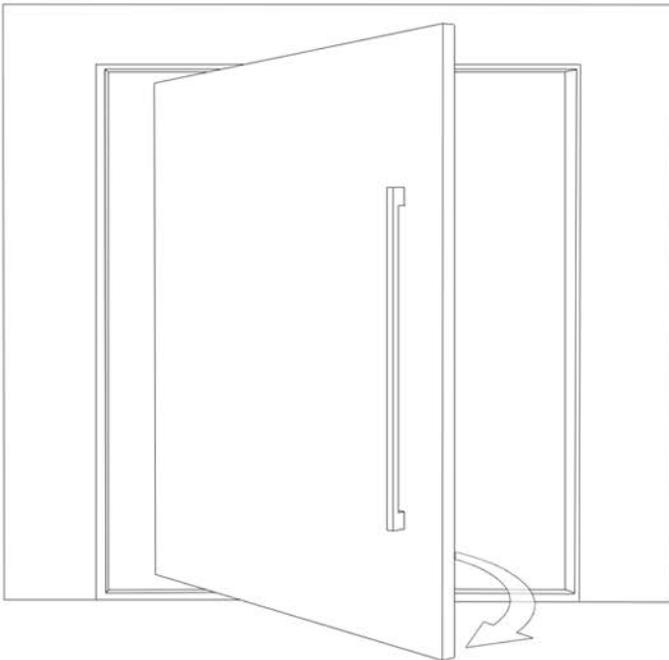
## Right Hand Inswing

Push open, opens to interior



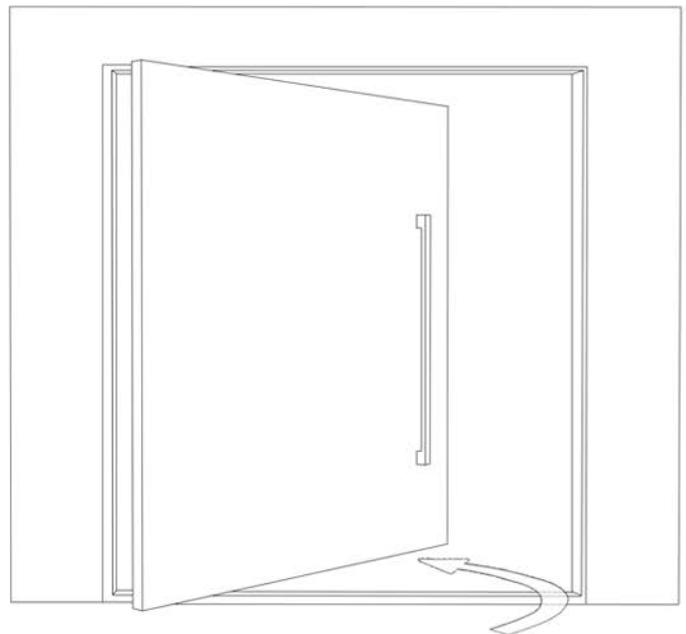
## Left Hand Outswing

Pull open, opens to exterior

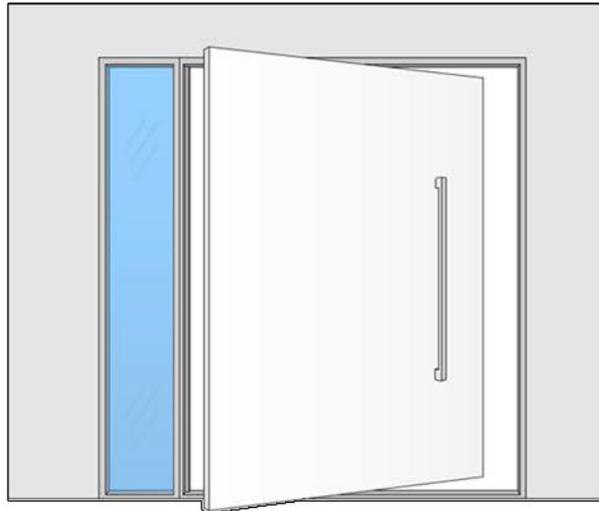


## Right Hand Outswing

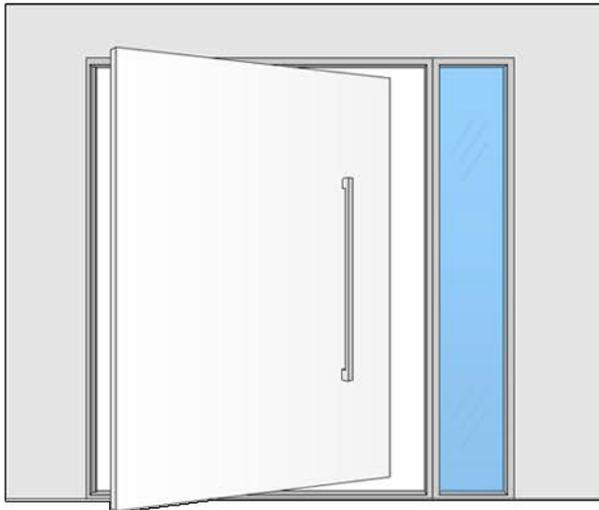
Push open, opens to interior



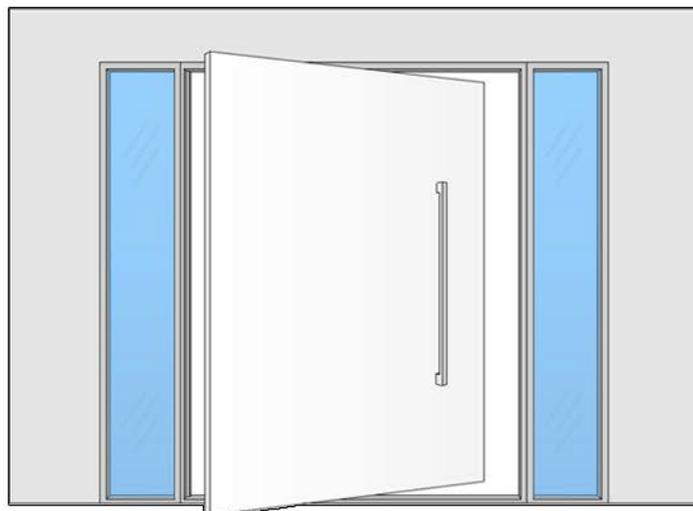
# Sidelite Options



1 Sidelite Left



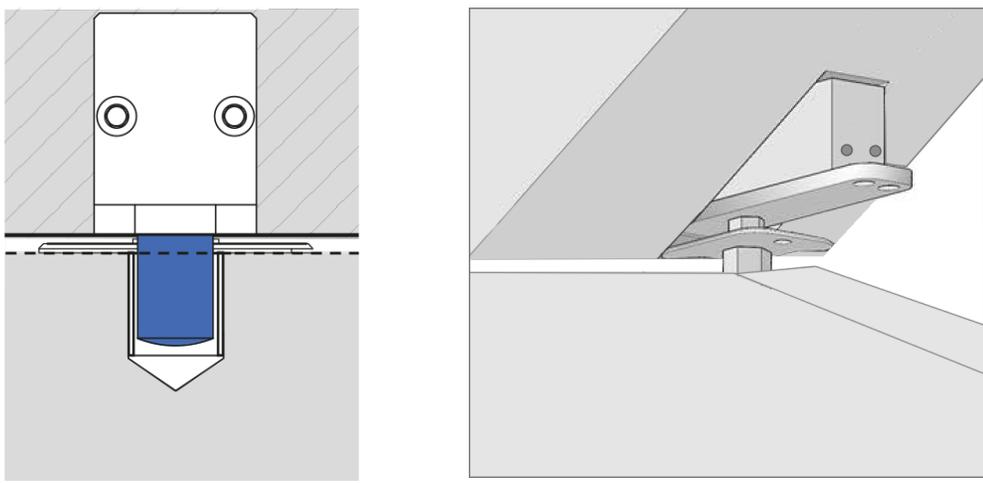
1 Sidelite Left



2 Sidelites

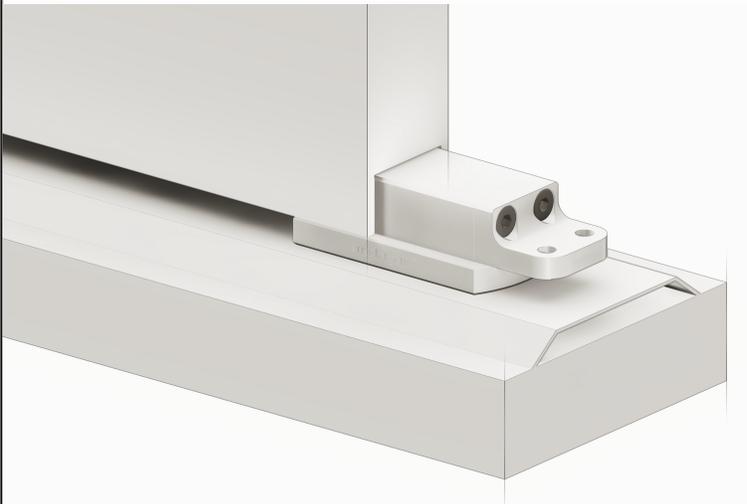
# Pivot Door Details

## Header



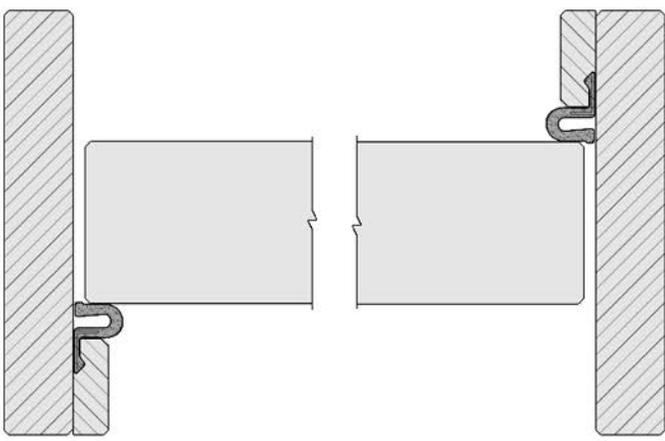
The pivot mechanism is uniquely designed for versatility and efficiency. Unlike other pivots, the top pivot Reversed can be positioned in either the head jamb or ceiling.

## Sill



Pivot mechanism is routed into the bottom of the door and received in the sill. A boot attached to the underside of the door create a weathertight seal when it is closed

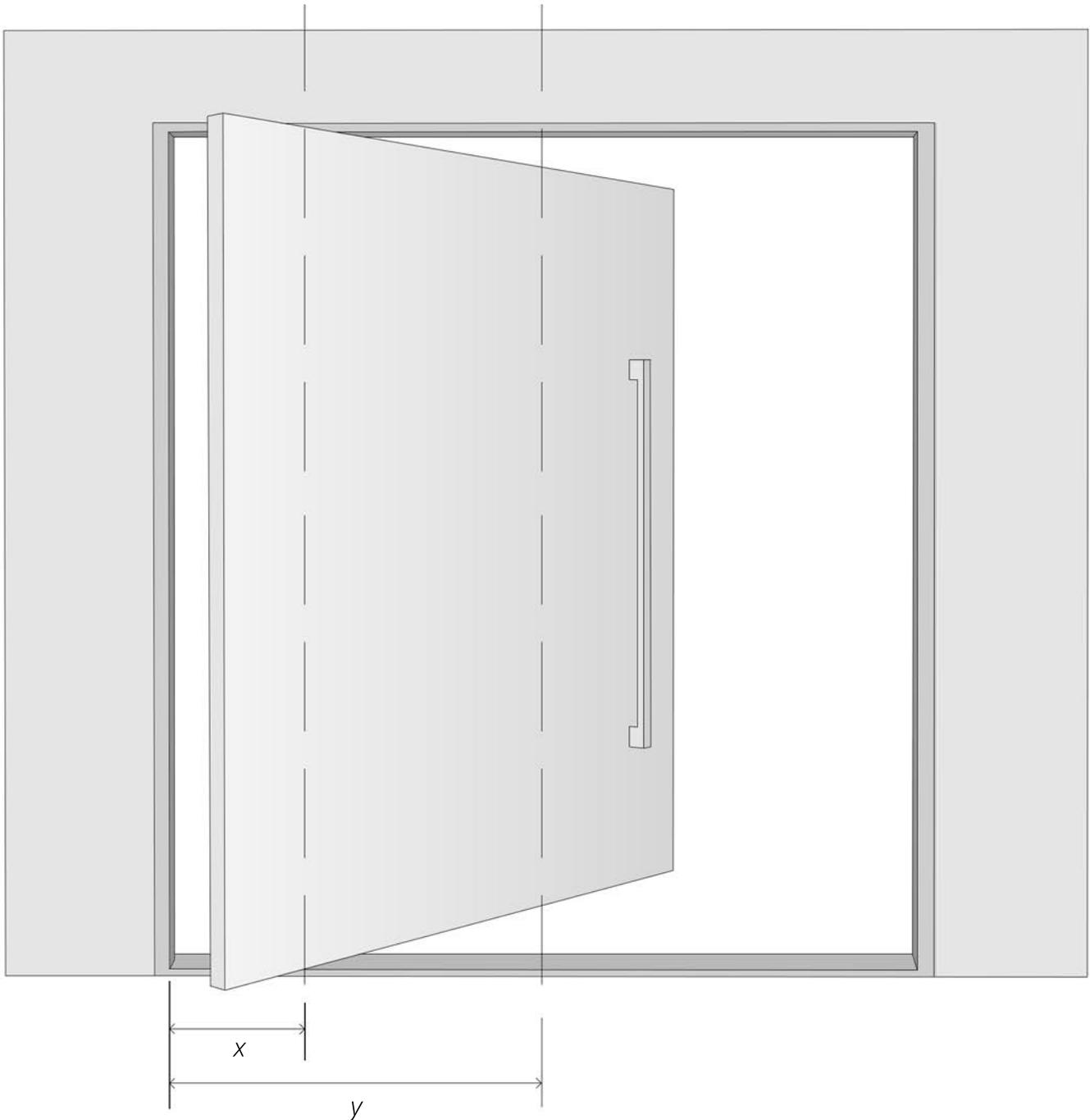
## Side Jamb



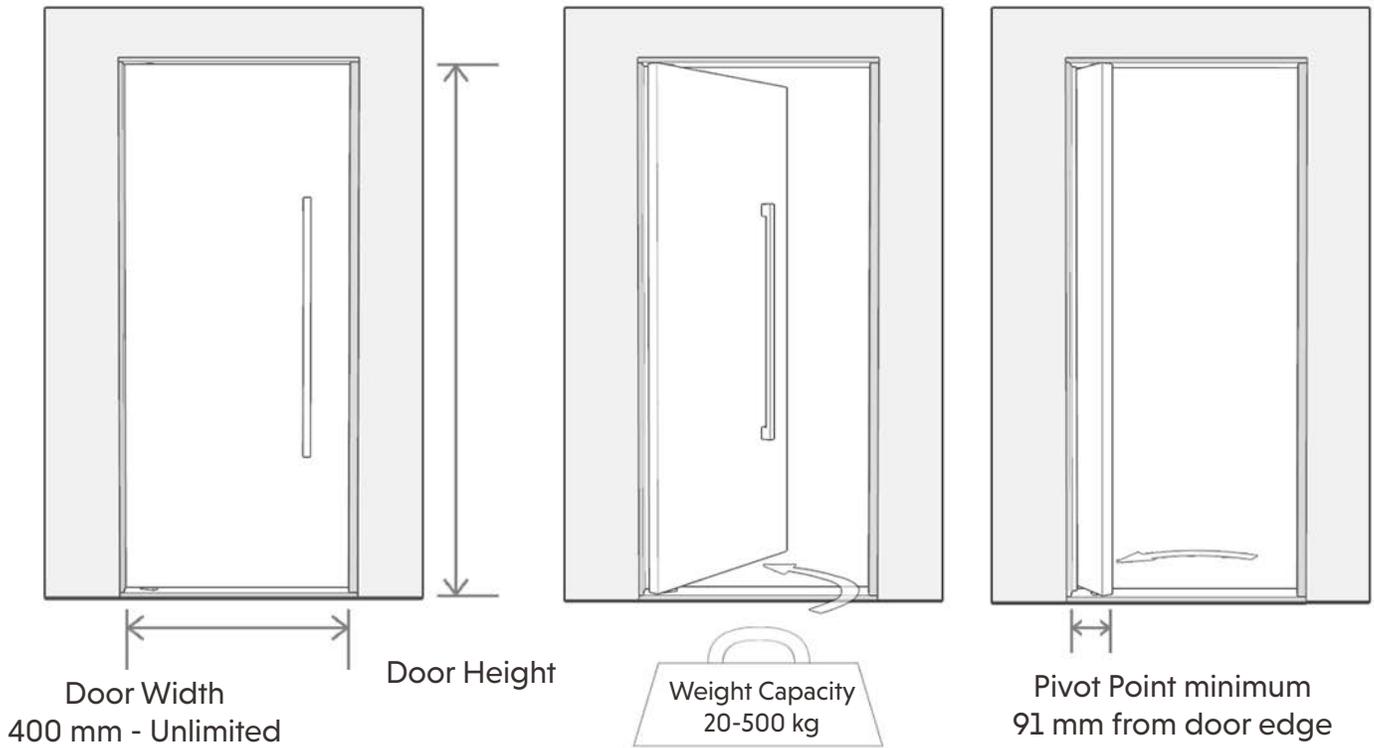
The pivot door presses against lengths of weatherstripping that are inserted into the side jamb, creating a weathertight seal.

# Pivot Placement

Regardless of hinge system, the pivot must be placed a minimum of 91 mm away from the side of the door, up to a maximum of half the door length

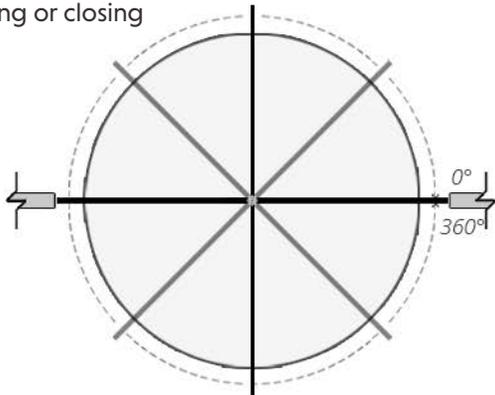


# System One



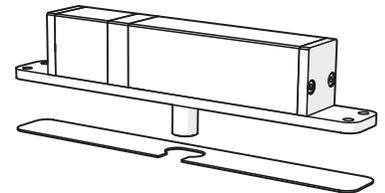
## Door Movement

Turns through 360 ° without holding or closing

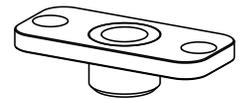


## Top Pivot Reversed

Cover Plate

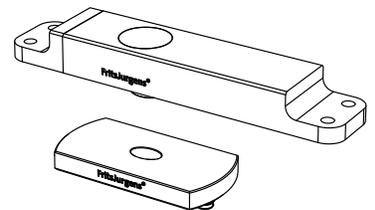


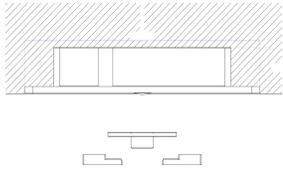
Receiver



## System One

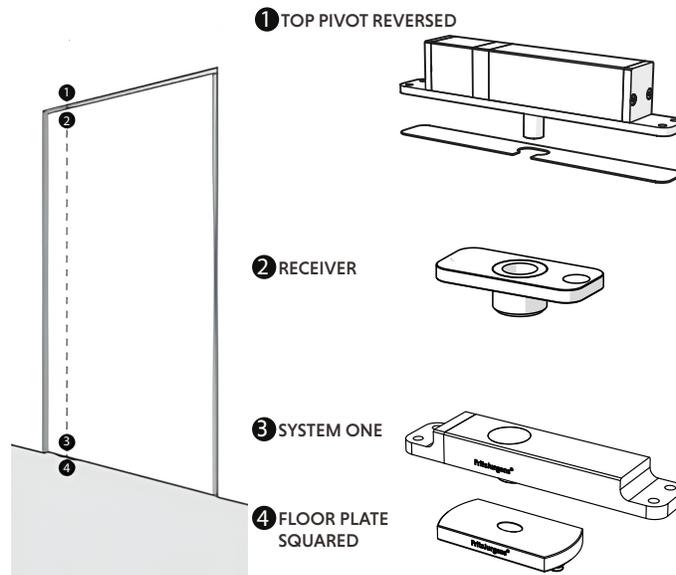
Floor plate squared



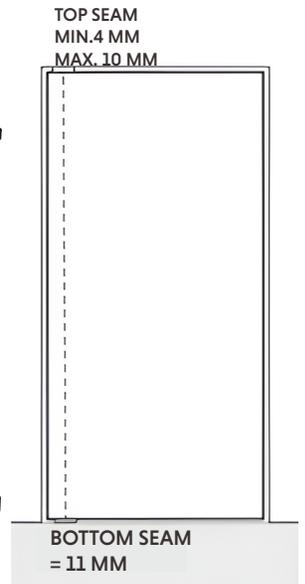


INT-1.5-2019  
MOUNTING MANUAL

COMPONENTS SYSTEM ONE

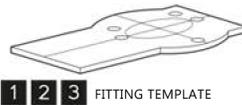


GAPS AROUND THE DOOR



FritsJurgens®  
SYSTEM ONE

MOUNTING KIT



1 2 3 FITTING TEMPLATE



4 6 FITTING ADHESIVE



6 TORX BIT TX20, SCREWS (4X50)



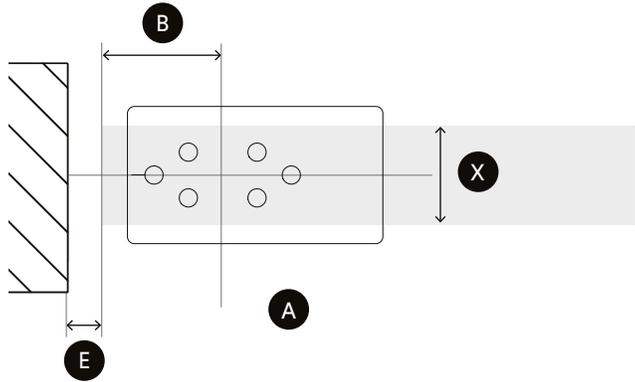
8 A ALLEN WRENCH

ALSO COLSULT THE  
ONLINE MANUAL



**MOUNT THE FLOOR PLATE**

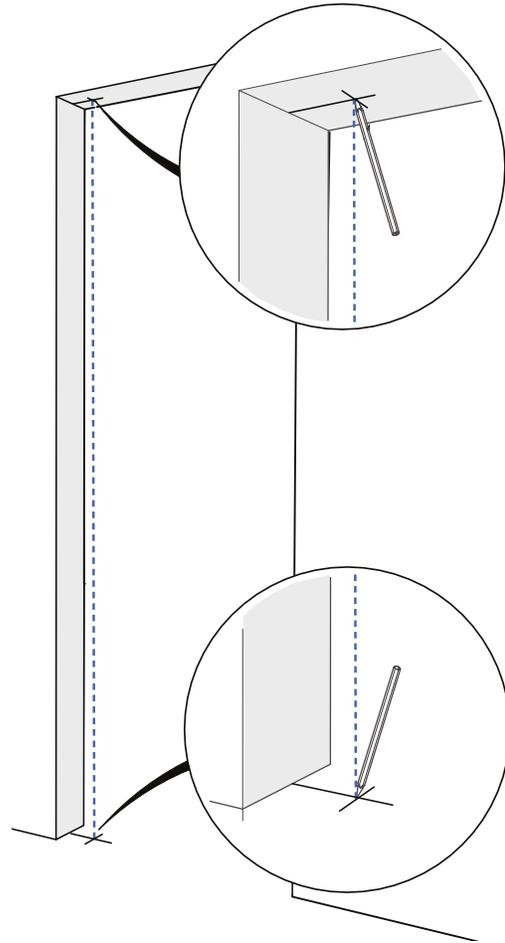
**1** Determine the position of pivot point A on the floor. Use the fitting template and the table below.



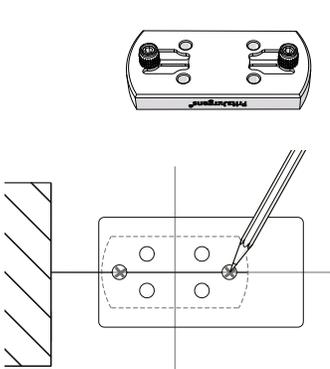
	40	50	60	70	80	90	100	X
B								
40	2	2	2	2	3	3	3	
70	5	6	10	10	13	15	18	
91	4	5	7	9	10	12	15	
250	3	3	4	4	5	6	7	
500	2	3	3	3	4	4	5	
1000	2	2	3	3	3	3	3	
1500	2	2	2	2	2	3	3	
2000	2	2	2	2	2	2	3	E

- E Minimum gap between door and wall (mm)
- B Distance pivot point to door edge (mm)
- X Door thickness (mm)

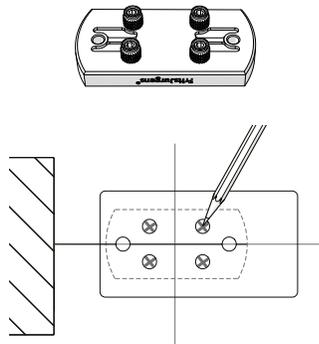
**2** Mark pivot point A on the floor and on the ceiling.



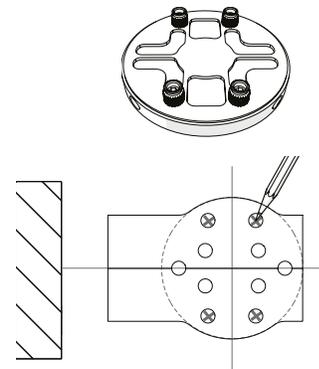
**3** Mark the drilling holes on the floor. Use the fitting template.



Floor plate squared NA or Squared Black, one floor type

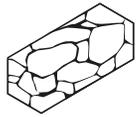


Floor plate squared NA or Squared Black, one or two floor types

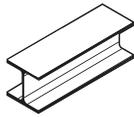


Floor plate round, one or two floor types

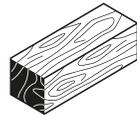
**4** Select the correct drill bit for the floor and determine the drilling depth.



Ø8 mm  
(5/16 ")



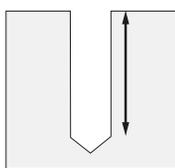
Ø8 mm  
(5/16 ")



Ø7.5 mm  
(19/64 ")

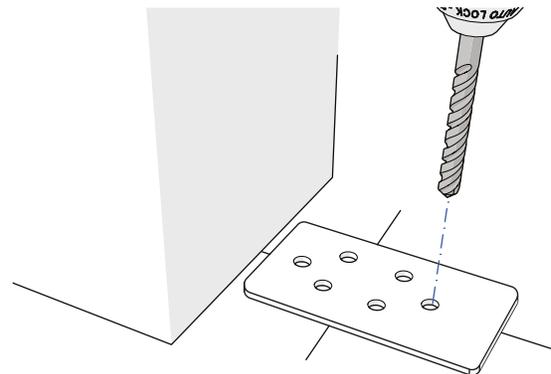


8 mm  
(5/16 ")



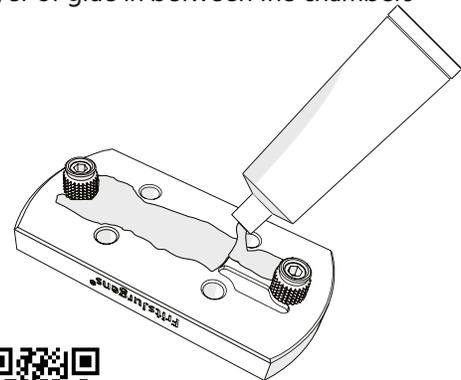
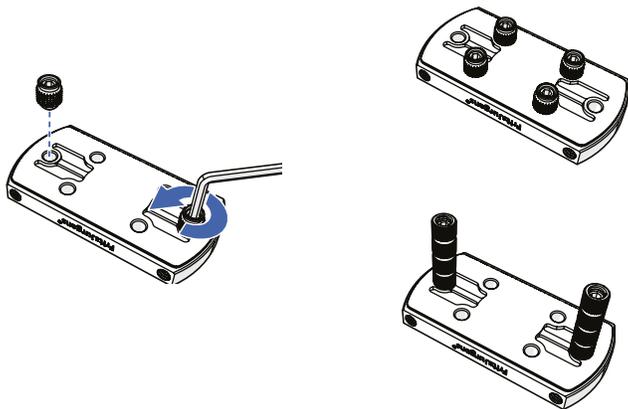
30 mm  
(1 3/16 ")

**5** Drill the holes in the floor on the marked spots.



**6** Determine the pin configuration for your situation. If necessary, use Allen key 3 to unmount the pre-installed pins and install the correct configuration.

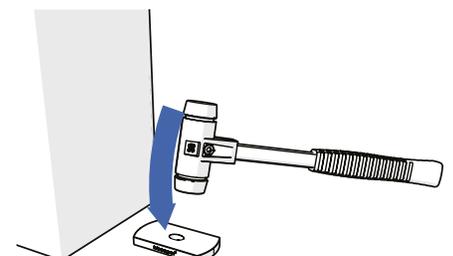
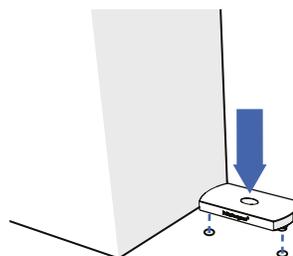
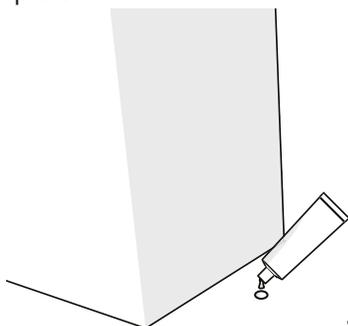
**7** Fill the glue chambers in the floor plate with glue and apply a 1 mm layer of glue in between the chambers



\*Scan the QR code for information about drying time and glue specifications

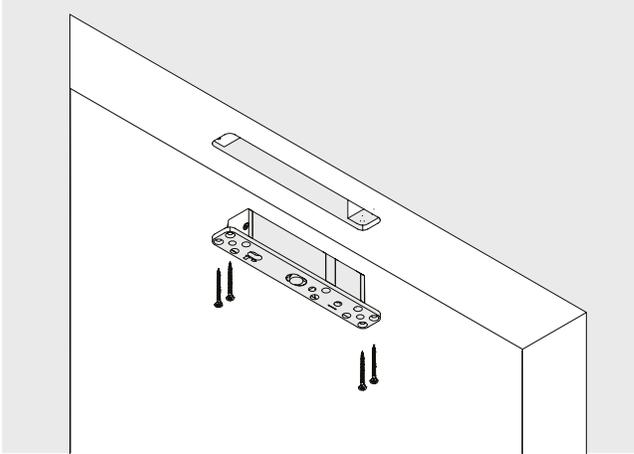
**8** Add glue in the holes in the floor. Make sure the holes don't overflow when you place the floor plate.

**9** Use a rubber hammer to affix the floor plate.

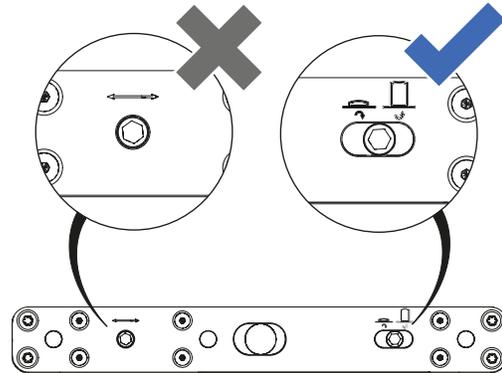


**MOUNT THE DOOR**

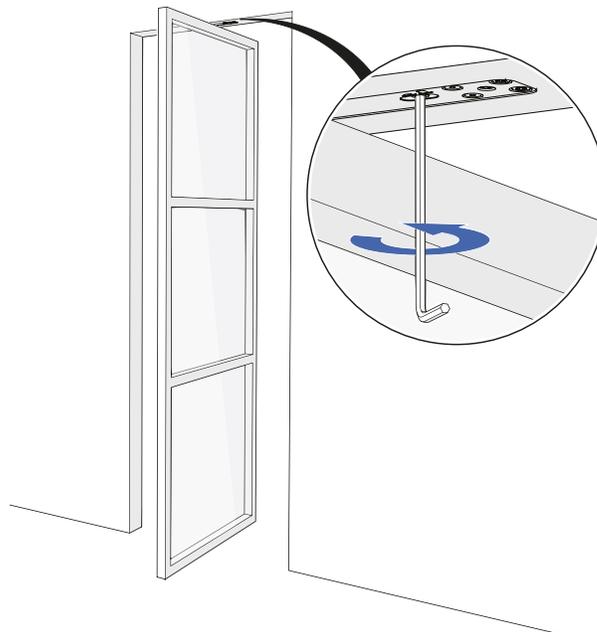
**1** Affix the Top pivot Reversed.



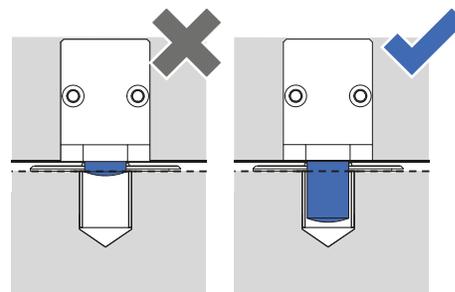
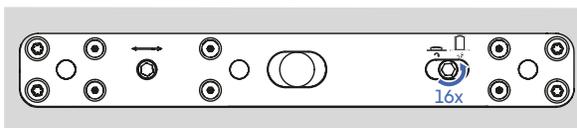
**2** Identify the adjusting screw that extends the pivot.



**3** Position the door on the floor plate as shown in the main manual.

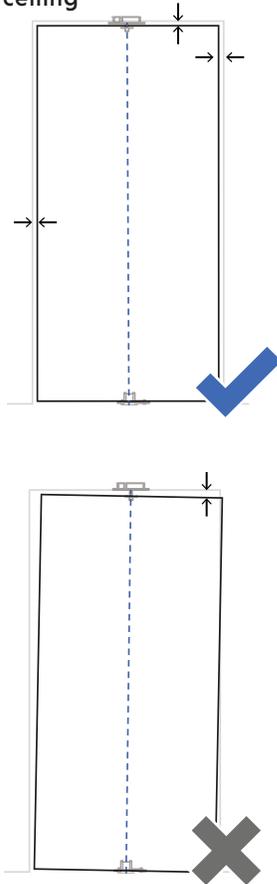


**4** Extend the pivot with Allen key 5. Turn the Allen key 16 times to fully extend the pivot.

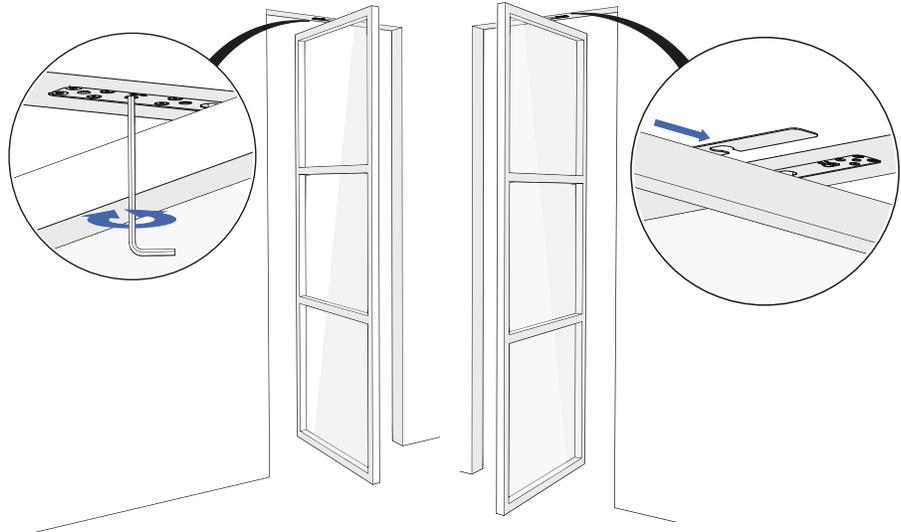


**FINETUNE THE CLOSING SYSTEM**

**1** Check if the door is aligned parallel to the ceiling



**2** Open the door. Use Allen key 5, and the adjustment screw marked ← until the door is aligned parallel to the ceiling and the wall.



**3** Affix the magnetic cover plate

