



# INSTALLER GUIDE



Five Star Installation Guide.

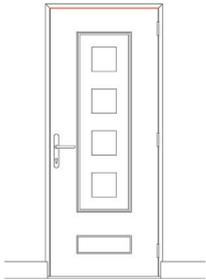


## Rockdoors Five Star Installation Guide

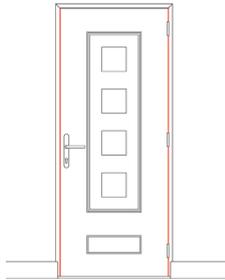
From Preparation Essentials through to our Five Star Installation Checks, our simple step by step guide to installing a Rockdoor will ensure a smooth hassle free operation and complete customer satisfaction.

We have designed our installation instructions around 5 simple key checks which are **1 - Head Gap, 2 - Side Gap, 3 - Viewing Gap, 4 - Operation and 5 - Hinge Lock**. If you can tick off each of these checks, the Rockdoor will perform as expected.

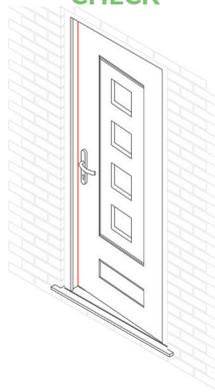
### 1 HEAD GAP CHECK



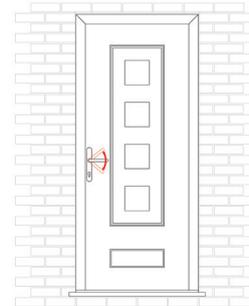
### 2 SIDE GAP CHECK



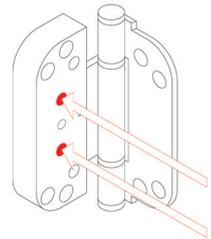
### 3 VIEWING GAP CHECK



### 4 OPERATION CHECK



### 5 HINGE LOCK CHECK



### Help Needed?

Should you encounter any problems, please refer to our **Trouble Shooting Guide** available from our customer service team or by visiting [www.rockdoor.com/five-star-trouble-shooting](http://www.rockdoor.com/five-star-trouble-shooting)

# Step by Step Five Star Installation Guide

## Preparation Essentials

### 1 Check the Door

- Check the door is the correct size and specification.
- Remove the packaging and check for any damage whilst ensuring items such as handles, cills and end caps are present.

### 2 Remove Keys

- Remove keys from the side of the door and put them in a safe place.
- If it is a key wind lock put one key in the cylinder on the outside.

### 3 Side & Head Gaps

- Check that the side gaps and head gap are parallel and adjust if required.

### 4 Dressing the Door

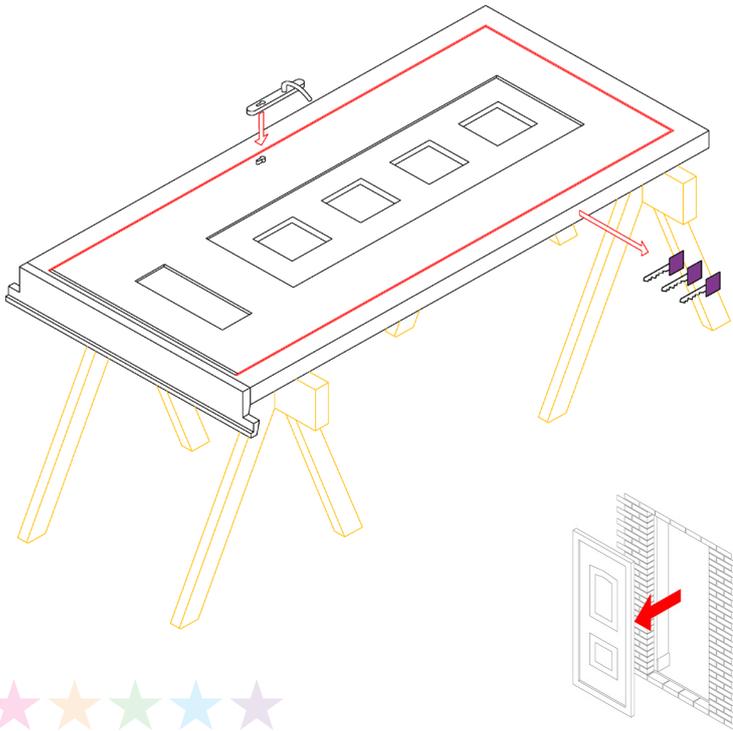
- Dress the door with furniture supplied loose.
- Ensure the threshold fixings are tightened.
- If a cill is required prepare it for the opening. (cill horns help prevent water ingress into the brick work)
- Attach cill to ensure the frame legs are held in place and to suit the opening.
- Position cill to ensure the frame will sit square in the opening.

### 5 Cover and Protect

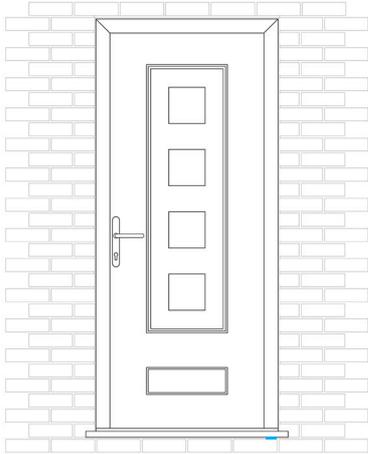
- Cover and protect the flooring and reposition any furniture close to the installation.

### 6 Remove the Old Door

- Remove the old door without causing any damage to the property. Clean the opening ready for the new Rockdoor.



7



**5mm PACKER**

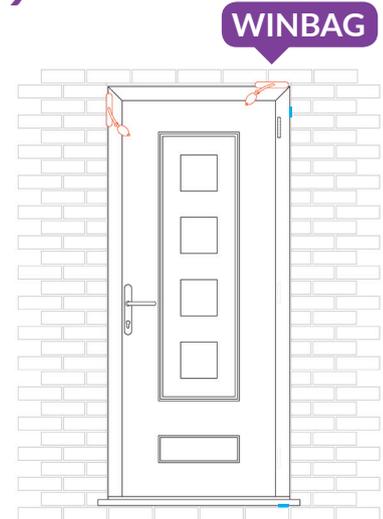
On the **HINGE SIDE** place a 5mm packer between the cill and the brick work. Offer the door into the aperture.

8



Pack between the brickwork and frame just above the top hinge and insert and inflate the Winbag on the opening side of the frame and inflate enough to hold the packer in place.

9

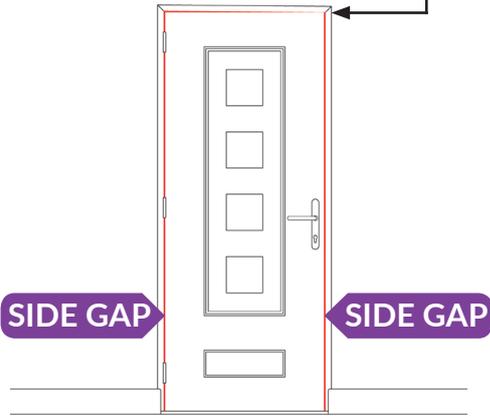


Insert and inflate the Winbag over the hinge side to compress the frame down onto the 5mm packer.



10 VIEWED FROM INSIDE

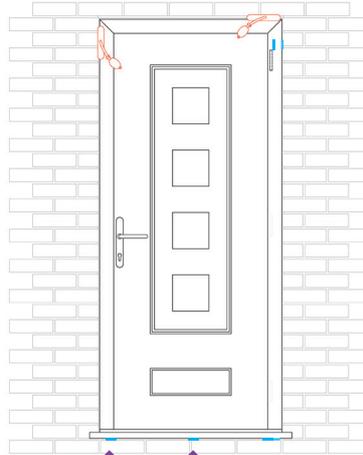
HEAD GAP  
NOT PARALLEL



Side Gaps  
must be **parallel**

11 VIEWED FROM OUTSIDE

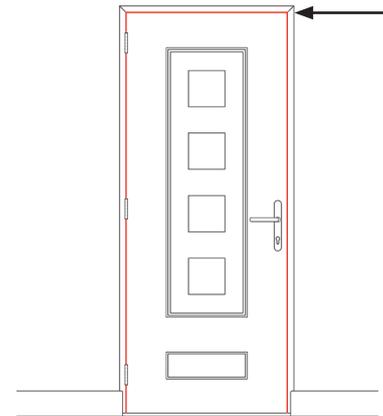
Pack under the cill to achieve a parallel air gap to the head.



PACK

12 VIEWED FROM INSIDE

HEAD GAP **MUST**  
**BE** PARALLEL



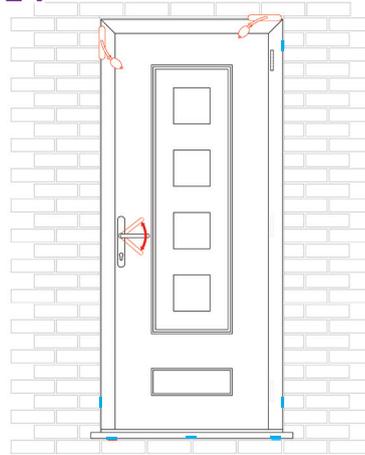
Side gaps  
Must be **parallel**

There **must** be a parallel air gap to the head and along both sides of the door before you continue onto the next stage.

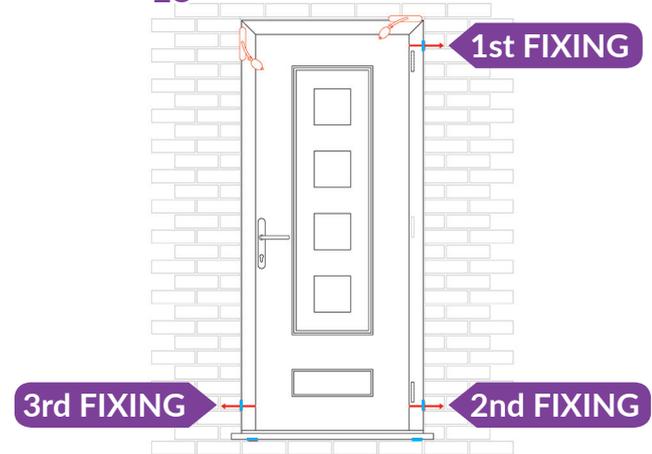


**13**

Plumb the hinge side.  
Leave a small gap to the  
plaster line to allow for  
setting the viewing gap.

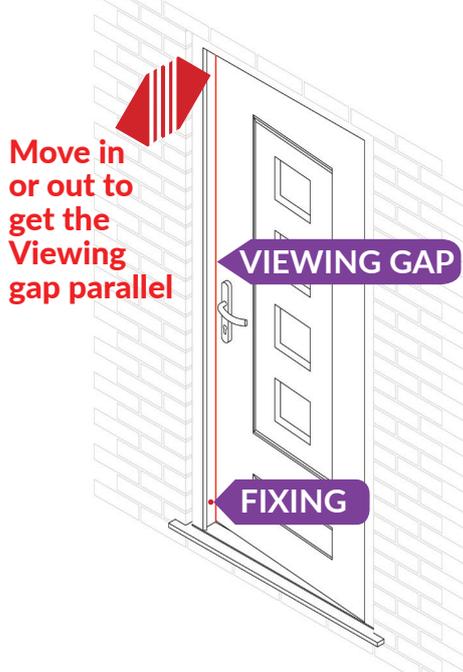
**14**

Check the operation of the  
door lock and latch.

**15**

Make a fixing as close as possible above the  
top hinge through the packer. Drill and fix  
below the bottom hinge through the packer.  
Drill and fix through the bottom of the  
closing side, through the packer.



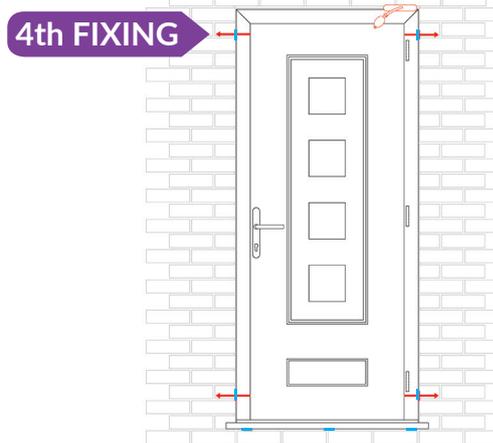
**16** VIEWING GAP MUST BE **PARALLEL**

Move in  
or out to  
get the  
Viewing  
gap parallel

VIEWING GAP

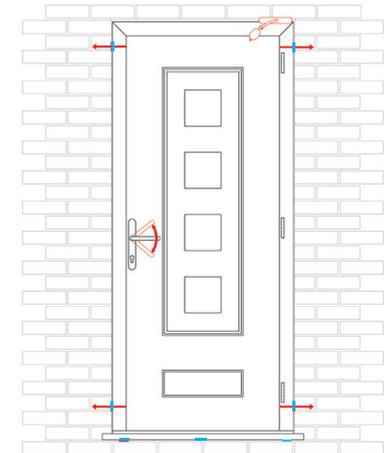
FIXING

Nearly close the door leaving a slight viewing gap between the frame and door. Move the top part of the frame in or out using the bottom fixing as a pivot to set the viewing gap so it is parallel to the door sash.

**17**

4th FIXING

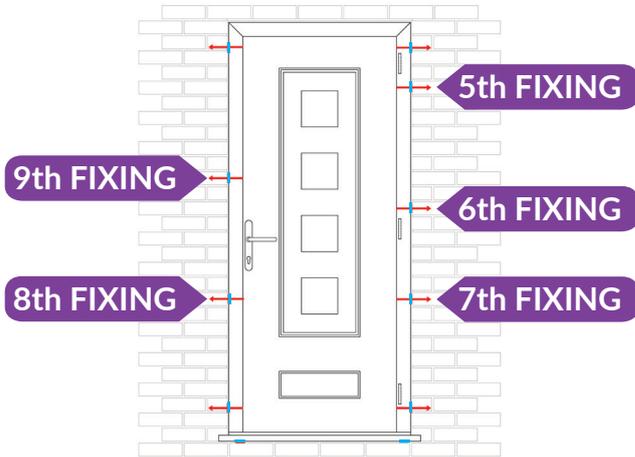
Drill and fix through the top of the closing side, through a packer.

**18**

Check the operation of the door lock and latch.

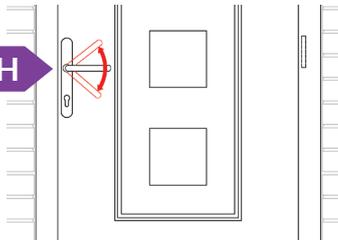


19

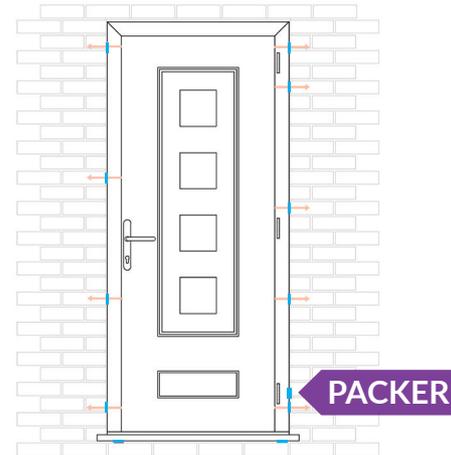


Drill and fix through a packer for the remaining 5 fixing positions. After each fixing check the mech to ensure that nothing has moved and the door still functions correctly.

CHECK THE MECH



**20** Packing directly behind the bottom hinge stops the weight of the door deflecting the frame in the future.

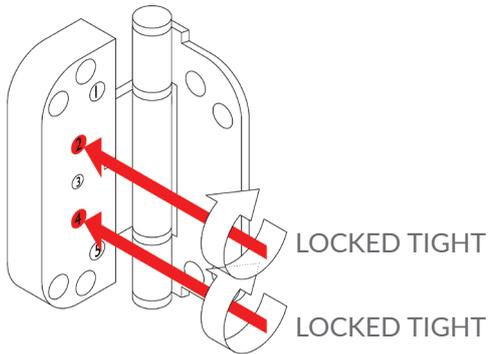


**PACK BEHIND THE BOTTOM HINGE**



## 21 Hinge Lock

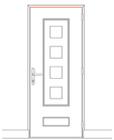
Use a 4mm allen key and lock tight positions 2 and 4 on **ALL THREE HINGES**



**ALL 3 HINGES SHOULD BE LOCKED TIGHT.**

The Rockdoor will operate correctly and will be trouble free if you can tick yes to all the following checks.

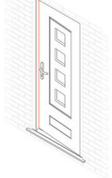
**HEAD GAP CHECK**



**SIDE GAP CHECK**



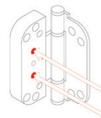
**VIEWING GAP CHECK**



**OPERATION CHECK**



**HINGE LOCK CHECK**

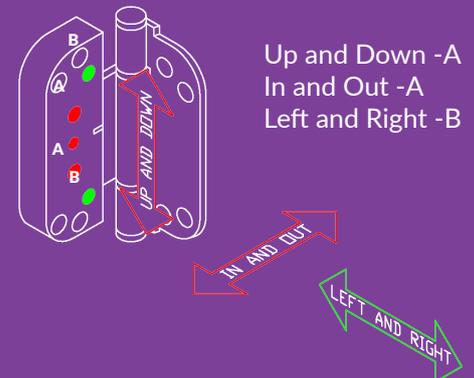


## Finishing

- Inject expanding foam into the gap between the door frame and the brickwork, this should go round the full perimeter of the frame helping to form a thermal break.
- Once the foam is sufficiently set, remove the protective films.
- Use silicone to seal and trim around the perimeter.
- Clean and tidy any mess and remove all the rubbish.

## Hinge Adjustment

Whilst hinge adjustment shouldn't be required, they can be adjusted in 3 different directions if necessary.



## BAR HANDLE

### Getting Started

- A** Push the bolt through the hole using the washers provided.

*Note: When installing a Rockdoor the Glass Protector Pads included in your fixing pack are not required, only the metal washers.*



### External Handle

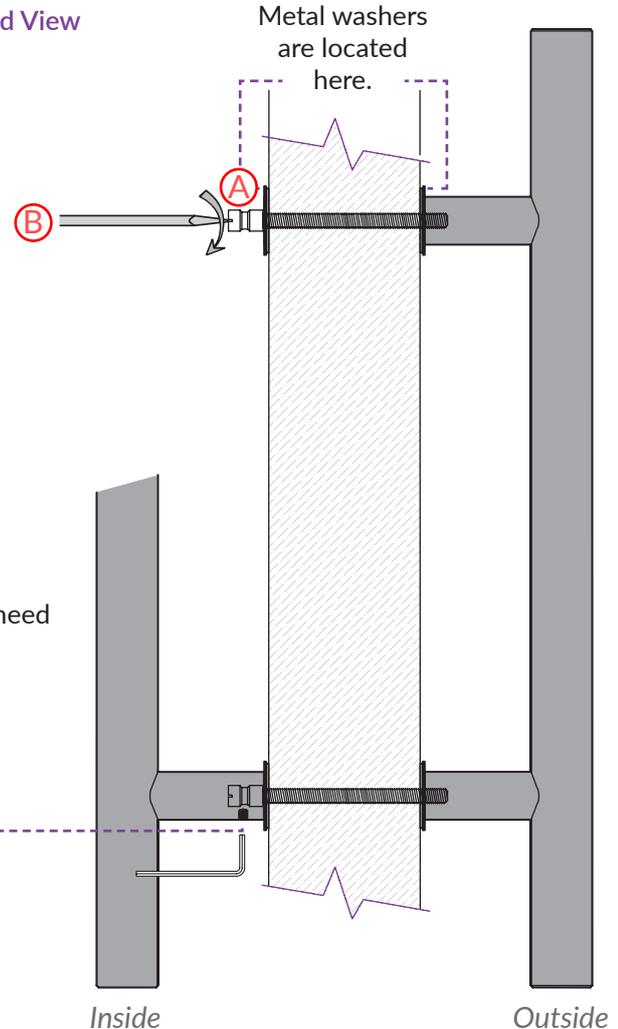
- B** Taking the external handle without the grub screw, locate the bolt to the hole in the handle and fasten until tight. You can use a screw driver to do this, but do NOT use a battery operated driver as this may damage the threads. Repeat this for both holes.

### Internal Handle

- C** Locate the internal handle with the grub screws over the locating pegs both top and bottom simultaneously, then push the handle until it is flush with the metal washers. Apply slight pushing pressure then fasten the grub screws (both top and bottom screws need tightening).

The handle is now fitted.

### Assembled View



# SWITCH LATCH

The best of both worlds

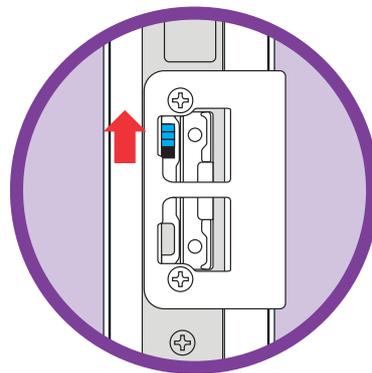
Rockdoors fitted with the new **Switch Latch**.

This means you can adjust the locking mechanism of your door to suit your lifestyle, without compromising your security.

**Switch Latch** allows you to set your lock so that the latch secures the door in place when opening and closing in a similar way to how a split spindle or night latch operates. Alternatively, you can set it so it can open and close freely like a roller latch.

This ensures the best of both worlds, by combining the benefits of a roller latch and split spindle in one smart innovation.

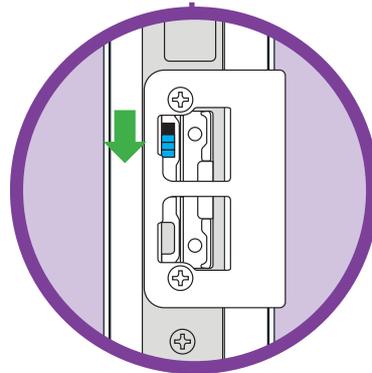
**To secure your door fully, you'll still have to use your key internally (or thumbturn) to fully engage the hook locks.**



Up 

When the **Switch Latch** is in the **UP** position, a key is required to gain entry to the property. Don't get caught out and lock yourself out.

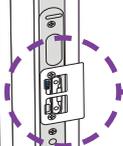
*For total security, the key or thumbturn still needs fully engaging to ensure the hook locks are secured in place.*



Down 

When the **Switch Latch** is in the **DOWN** position, no key is required. The door can open or close freely, allowing you to gain entry to the property.

*For total security, the key or thumbturn still needs fully engaging to ensure the hook locks are secured in place.*

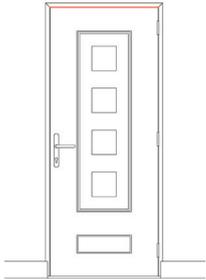




## FIVE STAR INSTALLATION CHECKS

The Rockdoor will operate correctly and will be trouble free, if you can tick yes to all the following checks.

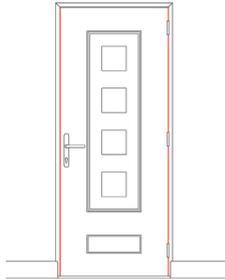
### 1 HEAD GAP CHECK



The head gap must be parallel.



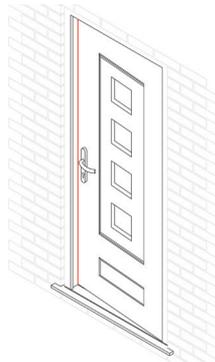
### 2 SIDE GAP CHECK



The side gaps must be parallel.



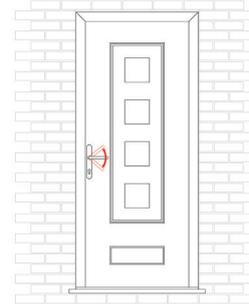
### 3 VIEWING GAP CHECK



The peeping gap must be parallel.



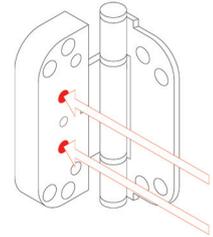
### 4 OPERATION CHECK



The door should open, close and lock smoothly.



### 5 HINGE LOCK CHECK



All 3 hinges should be locked tight.



If you can't tick yes to all the five star checks please refer to the five star trouble shooting guide at:

[www.rockdoor.com/five-star-trouble-shooting](http://www.rockdoor.com/five-star-trouble-shooting)

