



INSTALLER GUIDE

ROCKDOOR



Preparation essentials

- Check the door is the correct size and specification.
- Remove the packaging and check for any damages.
- Check items such as handles, cills and end caps are present.
- Remove keys from the side of the door and put them in a safe place.
- Cover and protect the flooring and reposition any furniture close to the installation.
- Remove the old door without causing any damage to the property.
- Clean the opening ready for the new door.
- Dress the door with furniture supplied loose.

Fitting essentials

1. If a cill is required, prepare it for the opening. (Cill horns help prevent water ingress into the brick work).
2. Check that the frame legs have not moved in transit. Adjust if required.
3. Ensure the threshold fixings are tightened.
4. Air gaps should be 4mm (side and top) and the door and frame faces should be flush.
5. Attach cill to ensure the frame legs are held in place and to suit the opening.
6. Position cill to ensure the frame will sit square in the opening.
7. Place a 5mm packer on the base between door and cill at the hinge side on the brick work incase adjustment is needed.
8. Offer the door into the aperture.
9. Insert and inflate the air wedge over the hinge side to temporarily secure the door. (If no air wedge, use a wooden wedge).
10. Pack under the cill (this time on the lock side) to achieve a parallel air gap to the head.

11. View the air gap to the head from the inside ensuring it is parallel.
12. Plumb the hinge side.
13. Leave approximately 3mm gap to the plaster line to allow for setting in twist.
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.
16. Check the hinge side of the frame is still vertical on both the front face and the rebate.
17. Drill and fix below the bottom hinge through the packer.
18. Drill and fix through the bottom of the closing side, through the packer.
19. Check the door and frame for twist. (Nearly close the door leaving a slight gap between the frame and check the gap is parallel).
20. Drill and fix through the top of the closing side, through a packer.
21. Make a fixing as close as possible below the top hinge through a packer.
22. Make a fixing just above the middle hinge through a packer.
23. Make a fixing just below the middle hinge through a packer.
24. Fix through the locating holes above the centre keep through packers.
25. Make a fixing through the hole in the keep below the centre latch through packers.
26. Ensure you pack behind the bottom hinge to stop any deflection.
27. Check that the air gap at the head and lock side are still parallel with the frame.
28. Check the closing and lock action.
29. Check again, nearly close the door leaving a slight gap between the frame and check the gap is parallel.

Top tip
You must report any damage or imperfections within 48 hours of receipt of the door.

Top tip
It is very important to check that the frame legs have not moved in transit. Use packers to ensure legs are parallel.

Top tip
This packer gives you space to adjust the door later if required.

Top tip
The air gap being parallel to the head is critical to a good installation.

Top tip
Fixings must be made through packers.

Top tip
Use a good fixing point into brick ensuring there is no movement on the frame.

Top tip
Nearly close the door leaving a slight gap between the frame and check the gap is parallel.

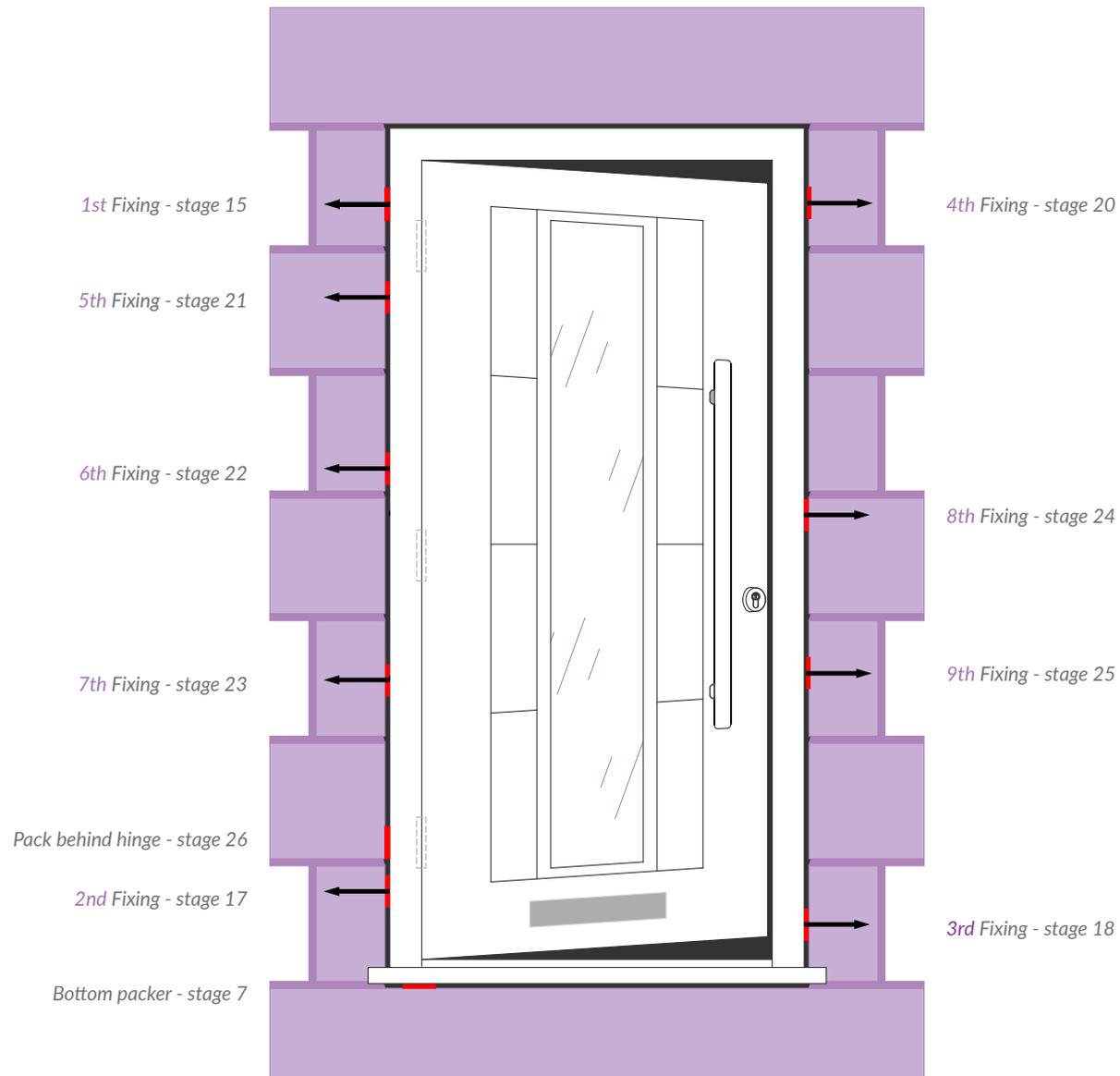
Top tip
Packing directly behind the bottom hinge stops the weight of the door deflecting the frame in the future.

Installation Guide

Essential fixing positions

Only proceed if the door functions perfectly.

30. 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.
31. Once the foam is sufficiently set, remove the protective films.
32. Use silicone to seal and trim around the perimeter.
33. Clean and tidy any mess and remove all the rubbish.



Final checks

- ✓ Check that the margin at the head and lock side is 4mm and parallel.
- ✓ Check for twist.
- ✓ Set the compression to the customers required specification.
- ✓ Check that all screws and hinges are fully tightened.
- ✓ Remove the energy rating sticker and attach it to the Your Rockdoor information leaflet that can be found in the Homeowner envelope.
- ✓ Show the customer how to operate the door.

Search:
Installing a Rockdoor



Fitting Essentials

Please note: Each door is factory set with a 4mm air gap to both sides of the door and to the head within the frame. Consideration should be given to maintaining this air gap, using a 4mm Allen Key to ensure optimum performance and correct operation of the door. The air gap to the lock side must take priority when adjusting to ensure it is 4mm, the full length of the door.

Up & Down (Height Adjustment)

By slackening the two 4mm grub screws (A) on each of the three hinges, the door can be adjusted vertically up or down to lift and drop the door sash within the outerframe. This allows the air gap at the top and bottom of the door sash to be increased and decreased. There are guidelines stamped on the hinge to assist with adjustments.

When releasing the screws, care must be taken to not free them fully, ensuring the door doesn't come away from the outerframe. Care must also be taken not to raise the door too high or too low as this will affect the performance of the weather seal on low threshold doors.

In & Out (Compression Adjustment)

Releasing the two grub screws (A) also allows the door sash to be adjusted in and out of the rebate. This adjustment will increase or decrease the pressure on the outerframe's Q-Lon gasket.

Left & Right

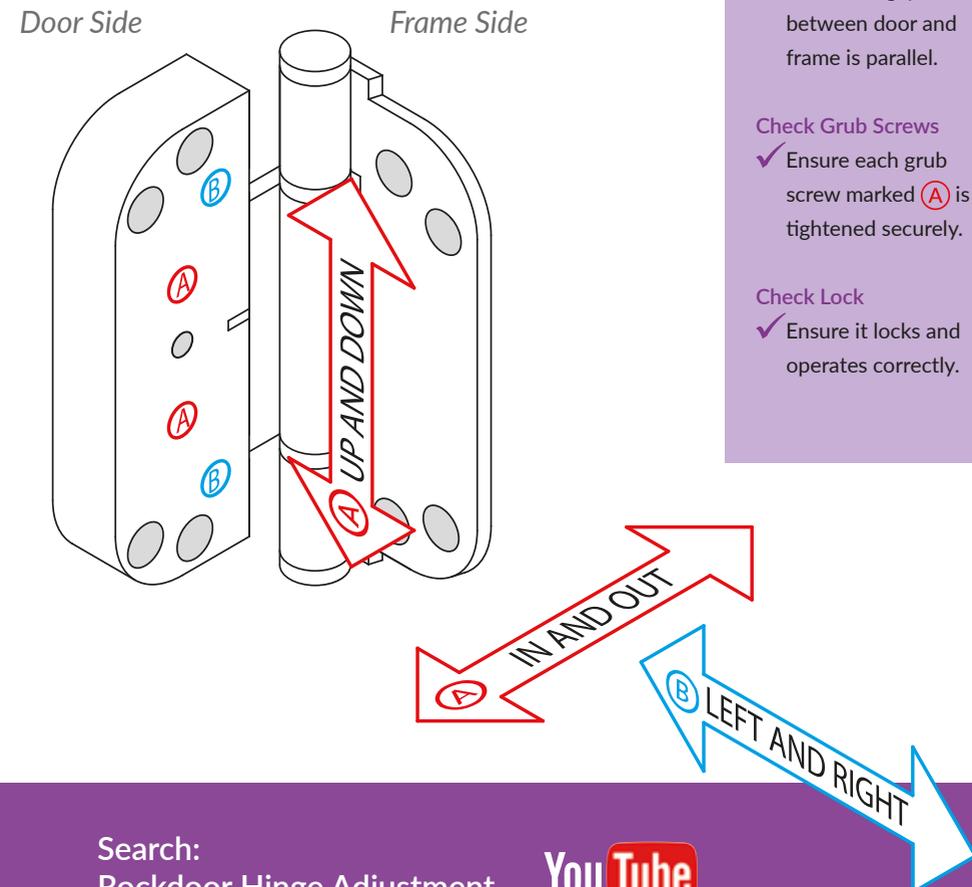
By adjusting the two 4mm grub screws (B), the door sash can be adjusted left and right within the outerframe. By rotating (B) clockwise, the door sash will move closer to the lock side. This allows the air gap on the hinge and lock side of the door to be set. The air gap on the lock side must be set to 4mm.

Adjustment Essentials

There is adequate adjustment on each of the three-way hinges for setting up the door sash correctly within the outerframe.

However, the hinge adjustment cannot compensate for a door frame that is fixed out-of-square, with a bowed frame or with a twist from front to back.

Take care not to over tighten or over adjust any of the grub screws (B). Ensure that all grub screws (A) on each hinge are fully tightened.



Final Checks

Check Head Margin

- ✓ Air gap must be parallel above head.

Check Side Margin

- ✓ Air gap must be 4mm on lock side.

Check Twist

- ✓ Open door slightly and check gap between door and frame is parallel.

Check Grub Screws

- ✓ Ensure each grub screw marked (A) is tightened securely.

Check Lock

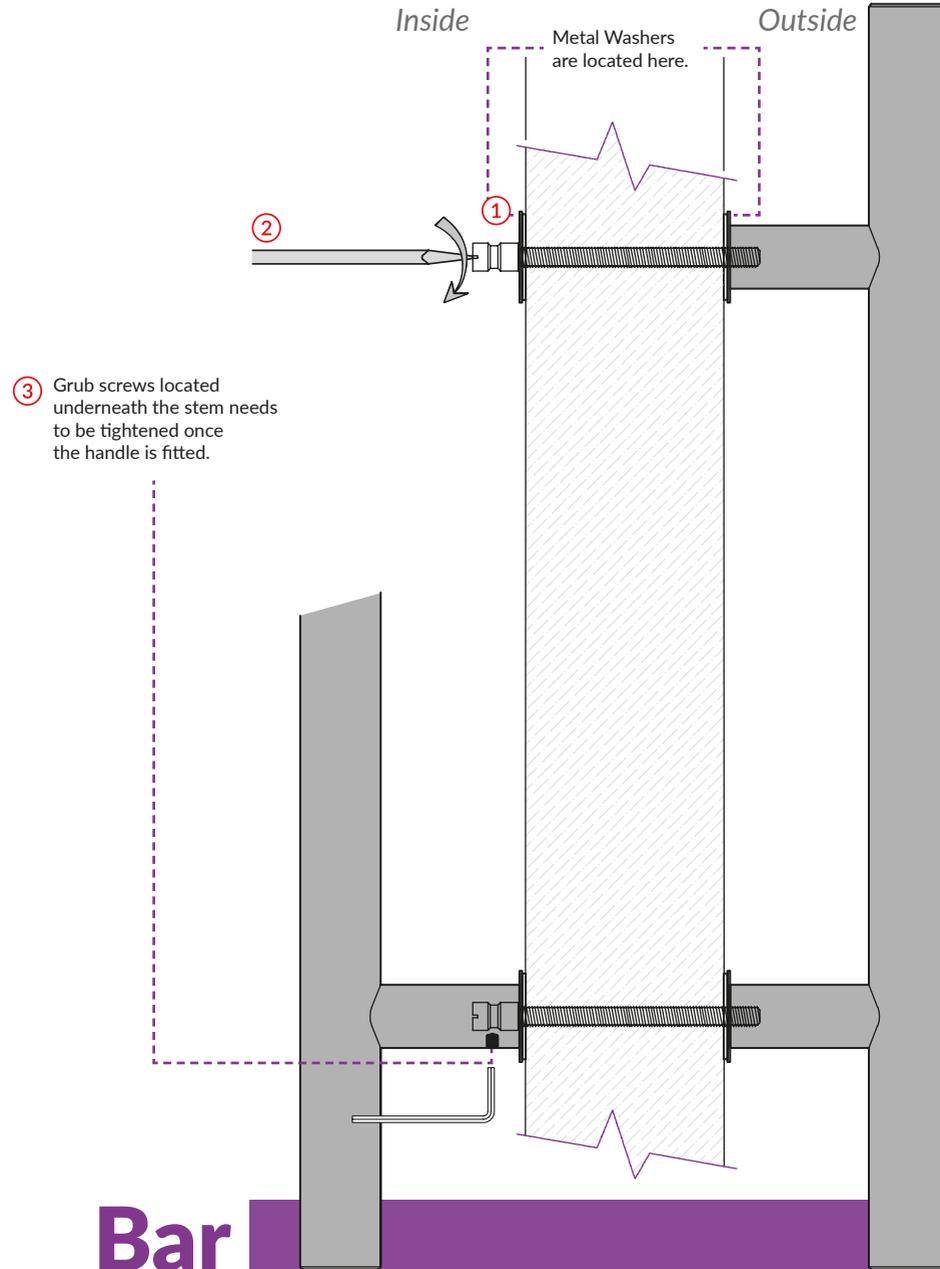
- ✓ Ensure it locks and operates correctly.

Hinge Adjustment

Search:
Rockdoor Hinge Adjustment



Assembled View



Bar Handle

Getting Started

- 1 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.



Fixing Pack

External Handle

- 2 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

- 3 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.

Top Tip for the Homeowner

Care, Maintenance & Cleaning

- ✓ Clean regularly with a dry cloth or duster.
- ✓ Wash periodically with soapy water and clean with a dry cloth immediately.
- ✗ Do not use abrasive materials.
- ✗ Do not use acid based cleaning materials.

Note: To maintain in good condition, the product must be checked and cleaned every three months, using a stainless steel cleaning kit.

Stainless Steel Cleaner

Cleaner

Apply the cleaner using a damp cloth. Clean the surface and polish with a dry cloth afterwards to create a gloss finish.



SWITCH LATCH

The best of both worlds



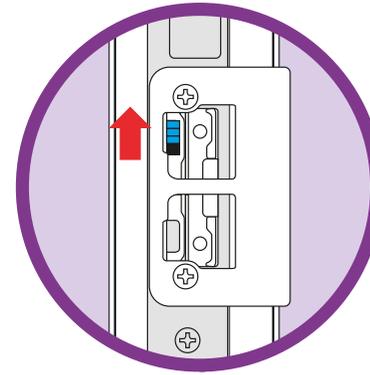
This Rockdoor has been fitted with the new **Switch Latch**.

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 the latch can secure the door in place when opening and closing should you wish it to do so (in a similar way to how a split spindle or night latch operates), or 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.

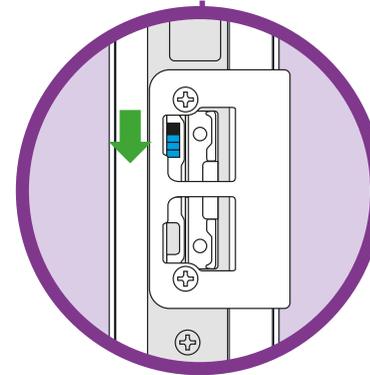
To secure your door fully, you'll still have to use your key internally (or thumbturn) or externally to fully engage the hook locks in position.



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.

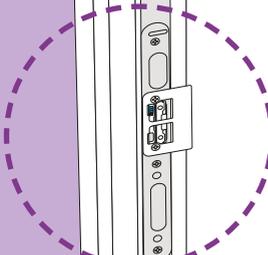


Down 

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

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

Switch Latch





Once you've finished your installation, why not take a picture and email it to installations@rockdoor.com or post on social media [@rockdoorltd](https://www.instagram.com/rockdoorltd).



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PROTECTING
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1997