

STABLE DOOR INSTALLATION GUIDE



Five Star Installation Guide



Rockdoor's Five Star Installation Guide

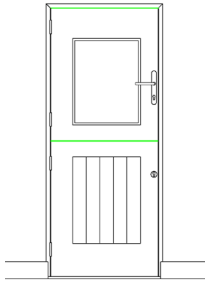
From Preparation Essentials through to our Five Star Installation Checks, our simple step-by-step guide to installing a Rockdoor will ensure a smooth hassle free operation and complete customer satisfaction.

We have designed our installation instructions around 5 simple key checks which are

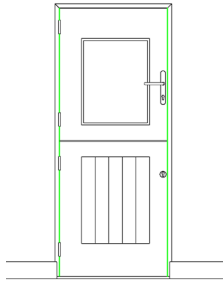
1 - Head Gap, 2 - Side Gap, 3 - Viewing Gap, 4 - Operation and 5 - Hinge Lock.

If you can tick off each of these checks, the Rockdoor will perform as expected.

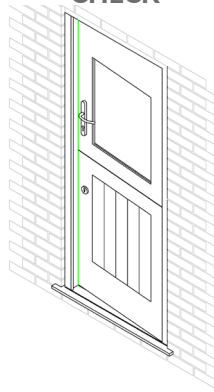
1 HEAD & CENTRE GAP CHECK



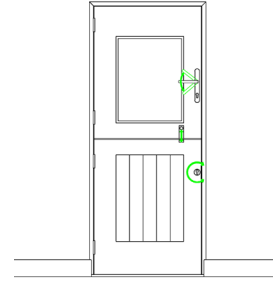
2 SIDE GAP CHECK



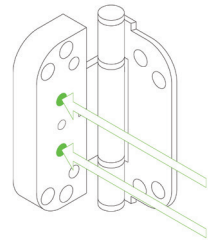
3 VIEWING GAP CHECK



4 OPERATION CHECK



5 HINGE LOCK CHECK



Help Needed?

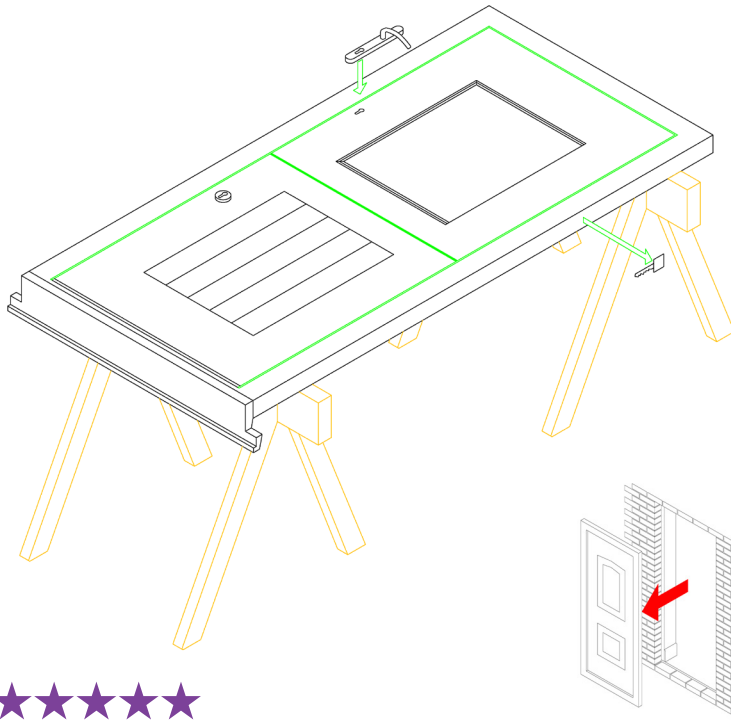
Should you encounter any problems, please refer to our **Trouble Shooting Guide** available from our customer service team or by visiting www.rockdoor.com/five-star-trouble-shooting

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 damages 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.

3 Head Gap, Centre Gap & Side Gaps

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

4 Dressing the Door

- Dress the door with furniture which is 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. Seal in between the cill and threshold with silicone.
- Position cill to ensure the frame will sit square in the opening.

5 Cover and Protect

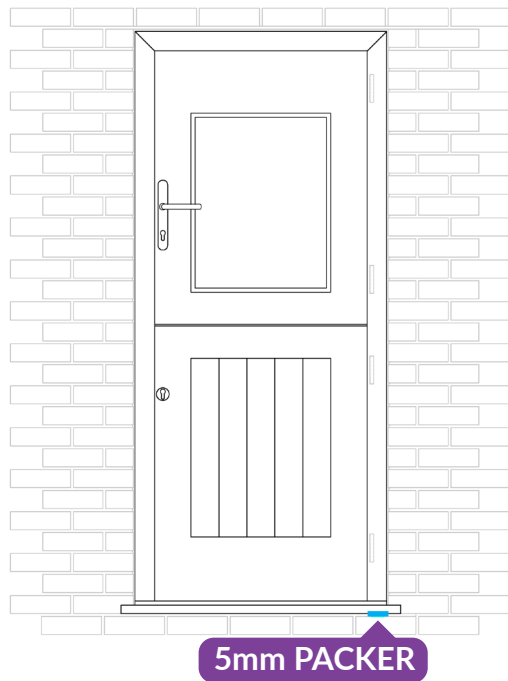
- Cover and protect the flooring and reposition any furniture close to the installation.

6 Remove the Old Door

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



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VIEWED FROM **OUTSIDE**On the **HINGE SIDE**

Place a 5mm packer between the cill and the brick work.
Offer the door into the aperture.

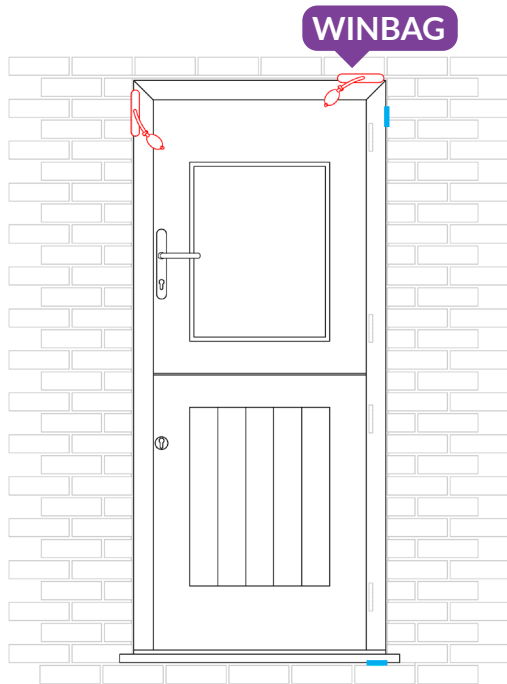


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VIEWED FROM **OUTSIDE**

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

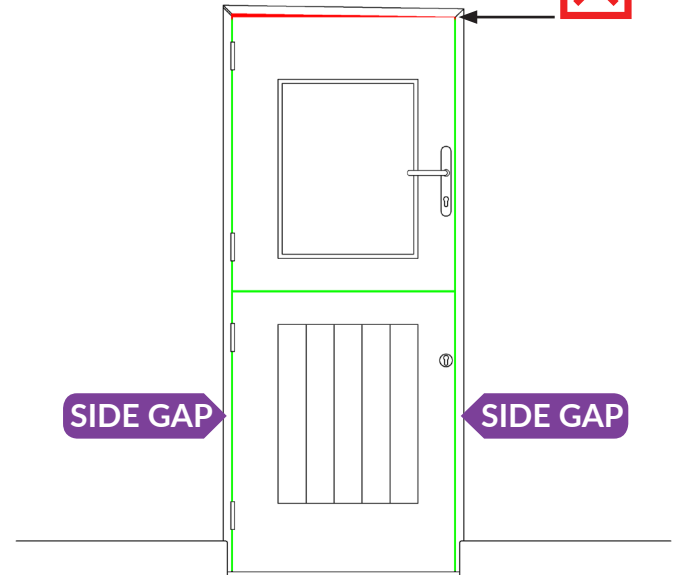
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VIEWED FROM **OUTSIDE**

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

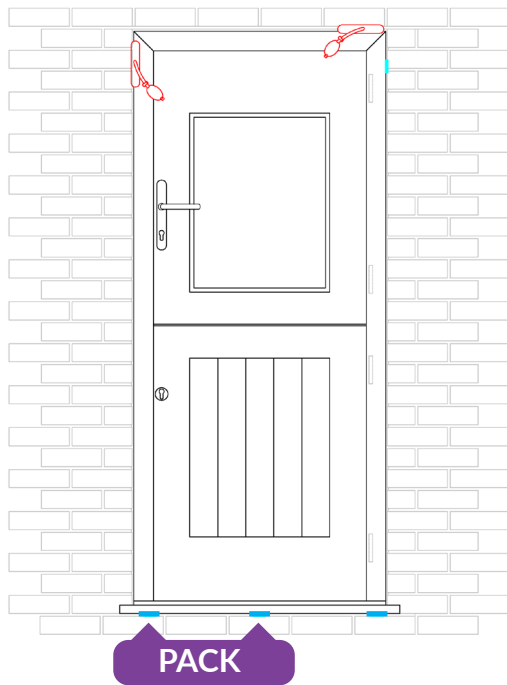


10

VIEWED FROM **INSIDE**HEAD GAP **NOT** PARALLEL

Side gaps must be equal
and **parallel**

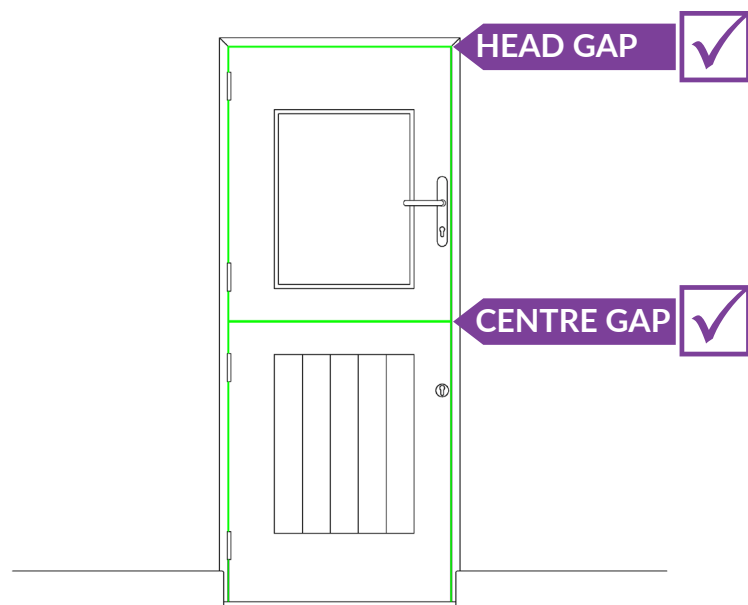
11

VIEWED FROM **OUTSIDE**

Pack under the cill to achieve a parallel air gap to the head. Pack middle of cill to support threshold and stop deflection.



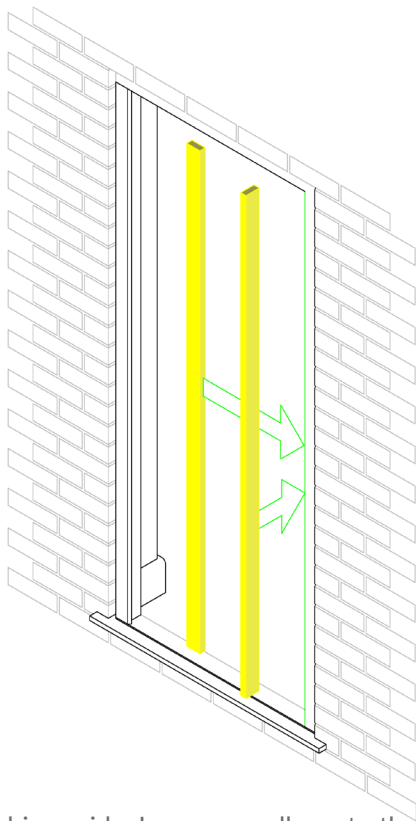
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VIEWED FROM **INSIDE**

The head gap and centre gap must be parallel before moving on to the next stage.

**HEAD GAP
MUST BE PARALLEL**

13

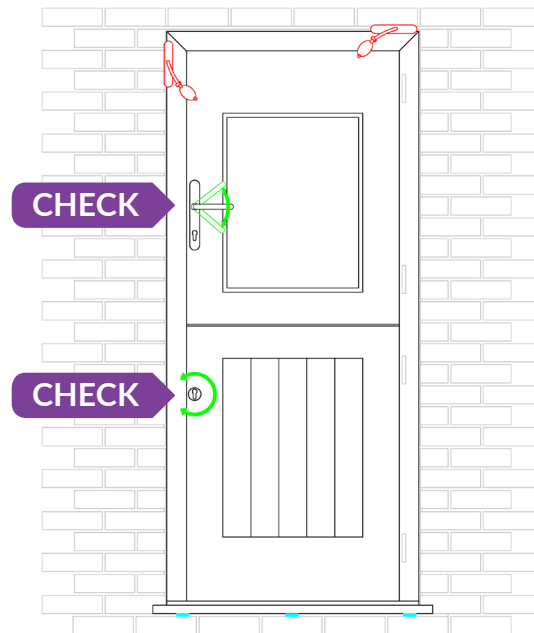
VIEWED FROM **OUTSIDE**

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

Ensure the frame leg is straight in both planes. Rebate/ front edge as the arrows indicate.



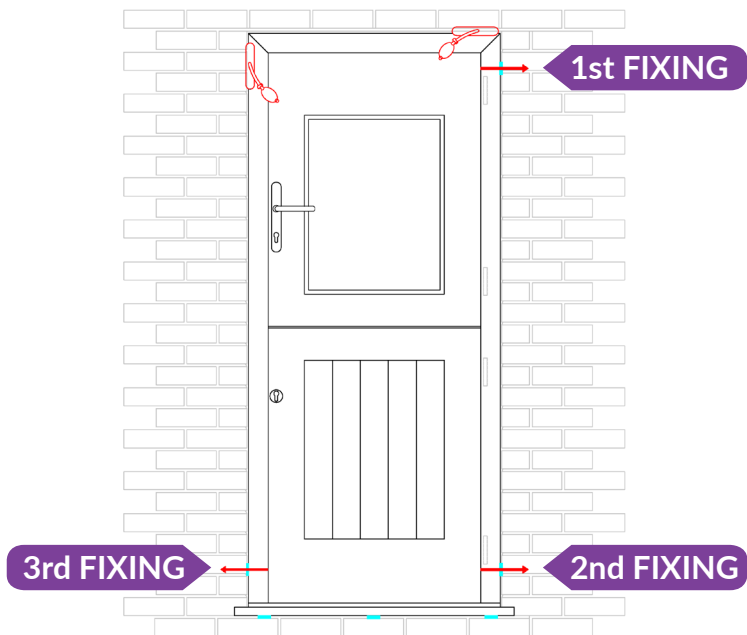
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VIEWED FROM **OUTSIDE**

Check the operation of the door lock and latch on both the top section and the bottom section of the door.

15

VIEWED FROM OUTSIDE

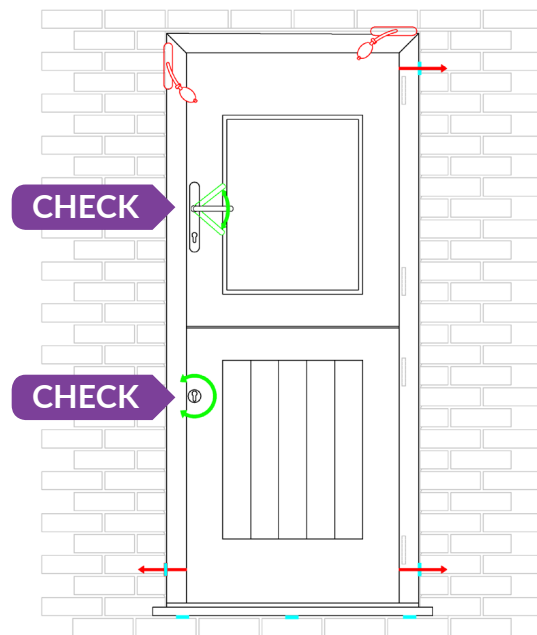


Make a fixing as close as possible above the top hinge through the packer. Drill and fix below the bottom hinge through the packer. Drill and fix through the bottom of the closing side, through the packer.



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VIEWED FROM OUTSIDE

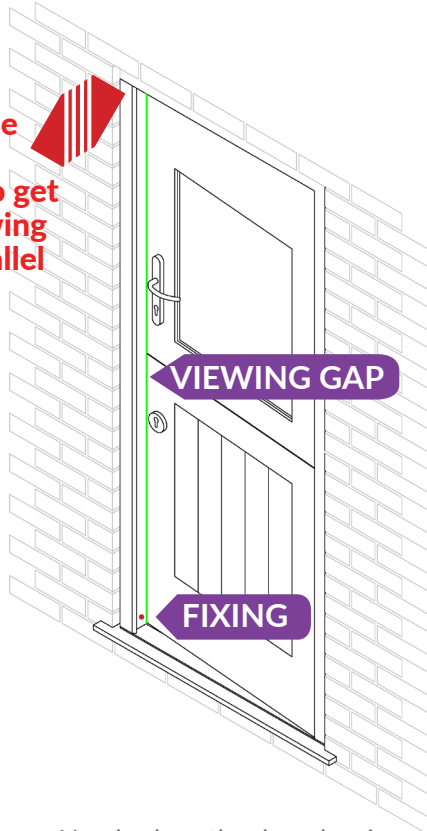


Check the operation of the door lock and latch on both the top section and the bottom section of the door.

17

VIEWED FROM OUTSIDE

Move the frame in or out to get the viewing gap parallel



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.



18

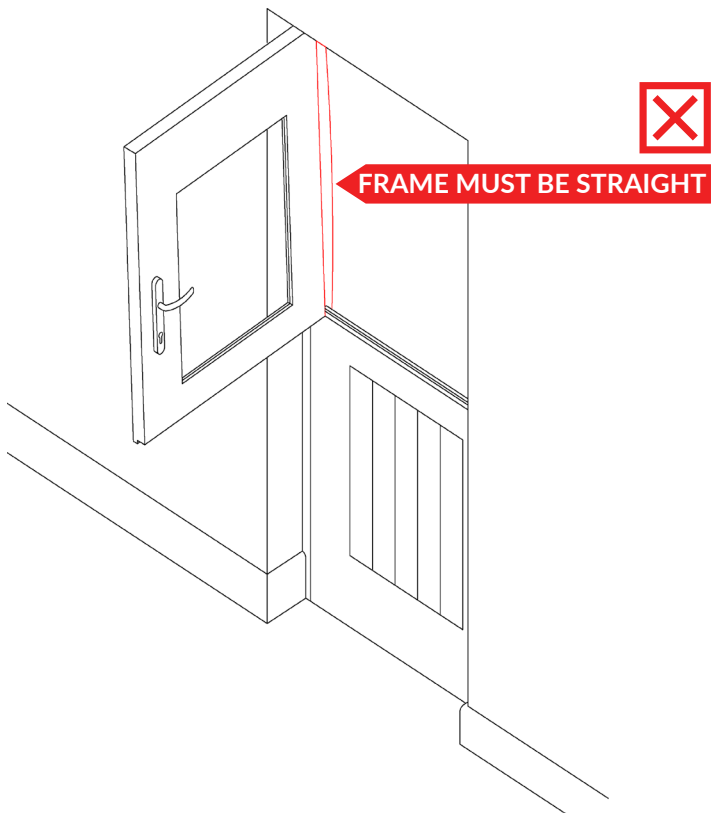
VIEWED FROM OUTSIDE

4th FIXING



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

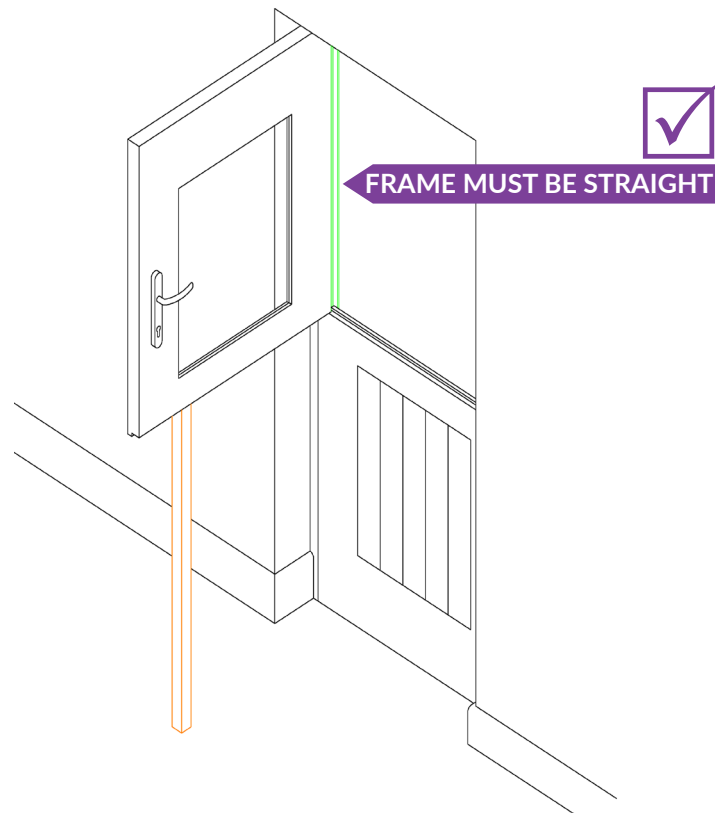
19

VIEWED FROM **INSIDE**

With the top sash in the open position the hinge side of the frame **MUST** be straight.

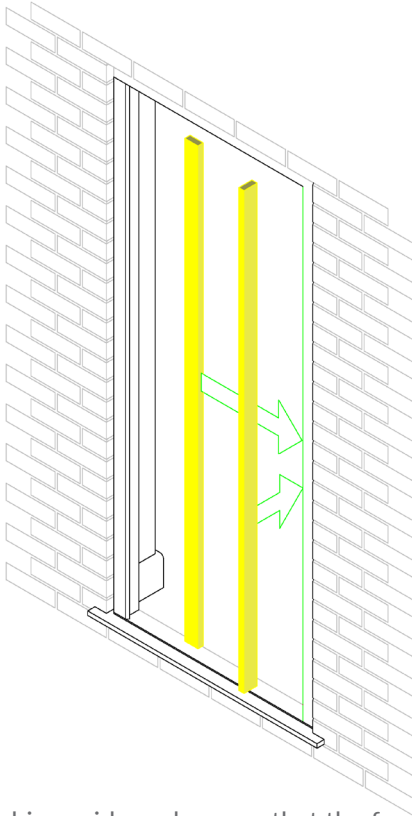


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VIEWED FROM **INSIDE**

With the top sash in the open position, support it with either an adjustable support or a piece of wood. With a long straight edge, check that the hinge side of the frame is completely straight in both directions.

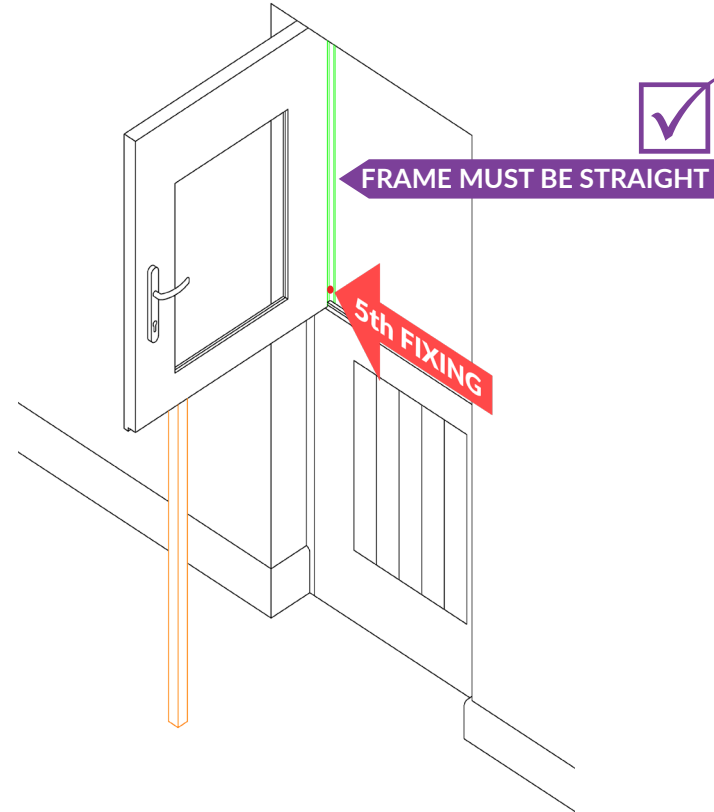
21

VIEWED FROM **INSIDE**

Plumb the hinge side and ensure that the frame is totally straight in both directions.

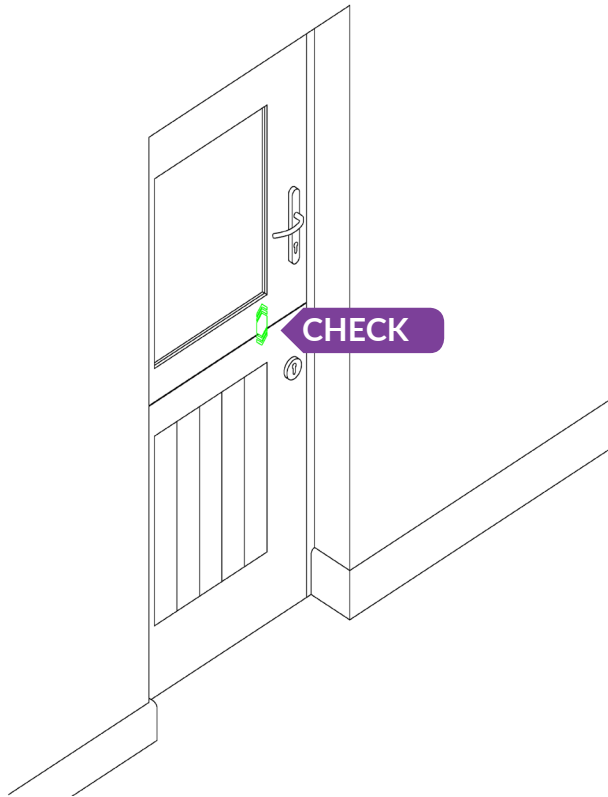


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VIEWED FROM **INSIDE**

Make a fixing as close as possible above the bottom sash on the hinge side through a packer.

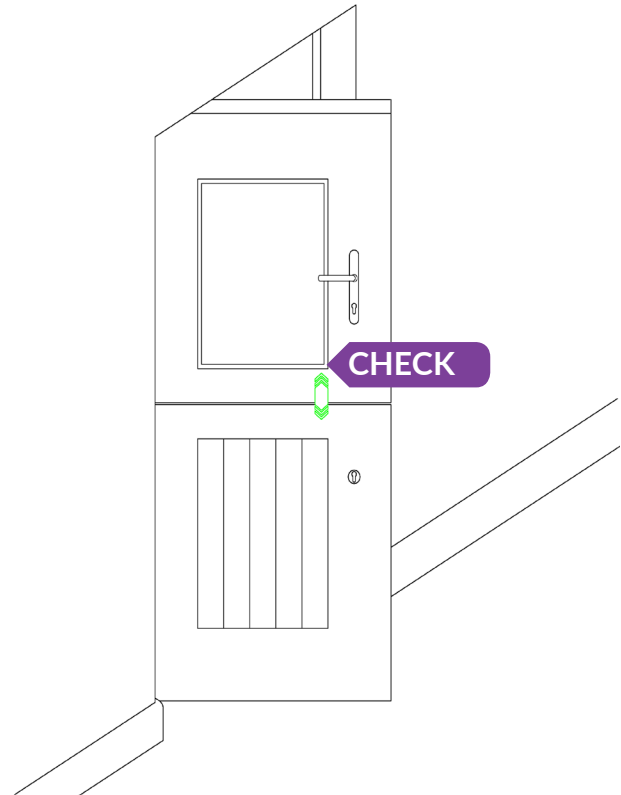
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VIEWED FROM **INSIDE**

WITH THE DOOR IN THE CLOSED POSITION:
 Unlock and lock the slide bolt, if it does not easily engage
 then the hinge side frame is **NOT** straight and needs
 adjusting.

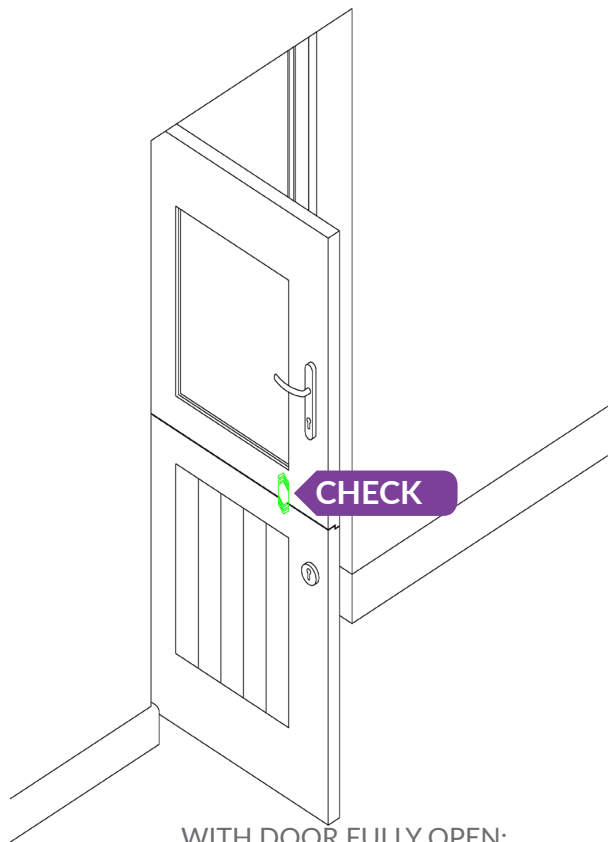


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VIEWED FROM **INSIDE**

WITH DOOR OPEN HALFWAY:
 Unlock and lock the slide bolt, if it does not easily engage
 then the hinge side frame is **NOT** straight and needs
 adjusting.

25

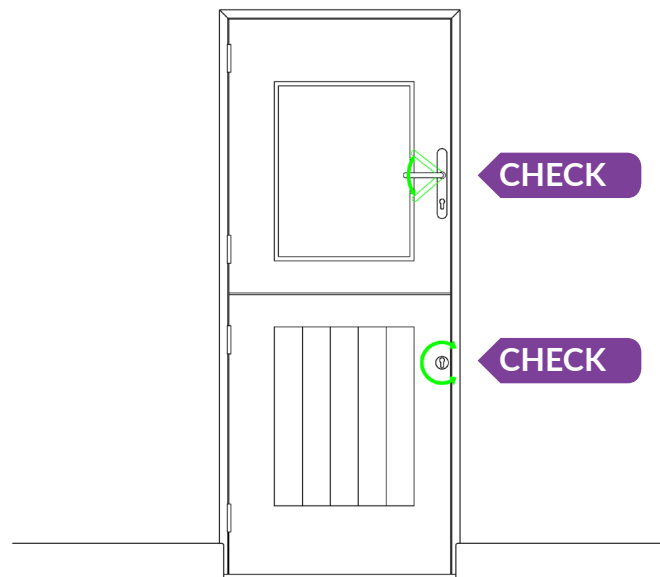
VIEWED FROM **INSIDE**

WITH DOOR FULLY OPEN:

Unlock and lock the slide bolt, if it does not easily engage then the hinge side frame is **NOT** straight and needs adjusting.



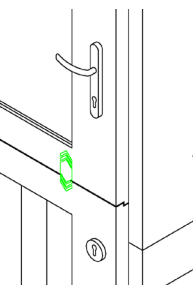
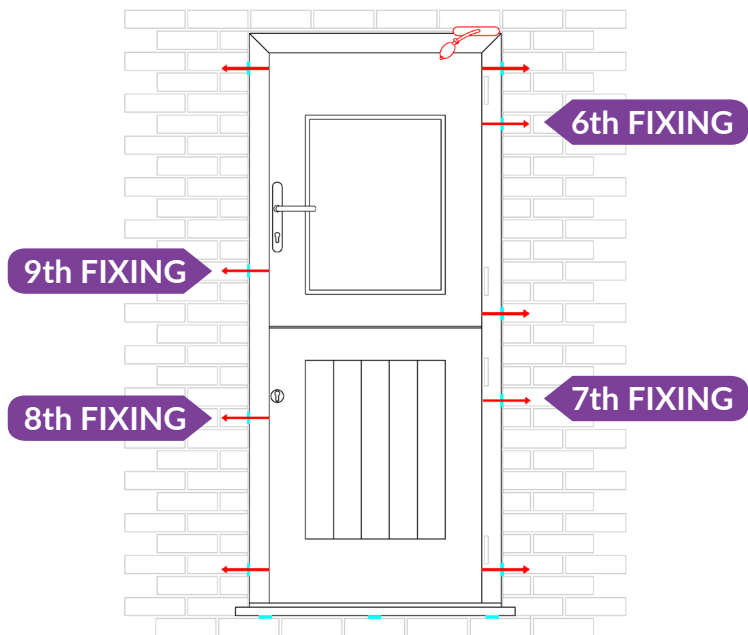
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VIEWED FROM **INSIDE**

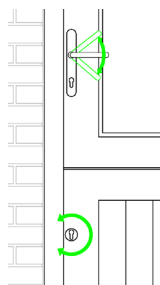
Check the operation of the door lock and latch on both the top section and the bottom section of the door.

27

VIEWED FROM OUTSIDE

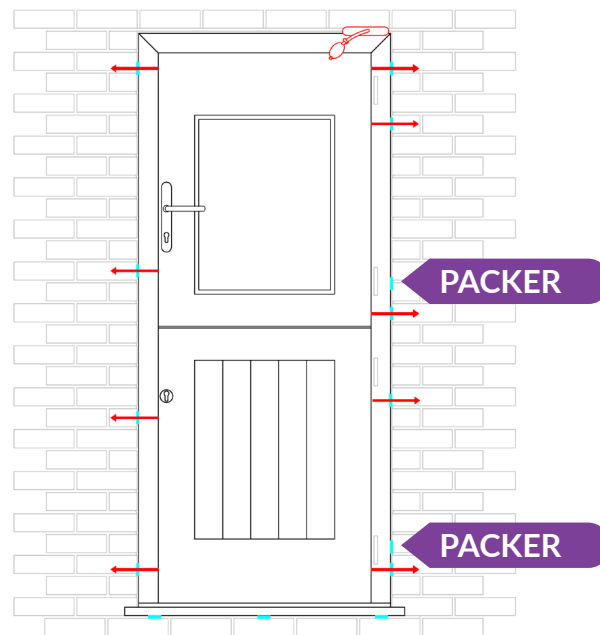


Drill and fix through a packer for the remaining 4 fixing positions. After each fixing check the mech to ensure that nothing has moved and the door still functions correctly.



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VIEWED FROM OUTSIDE

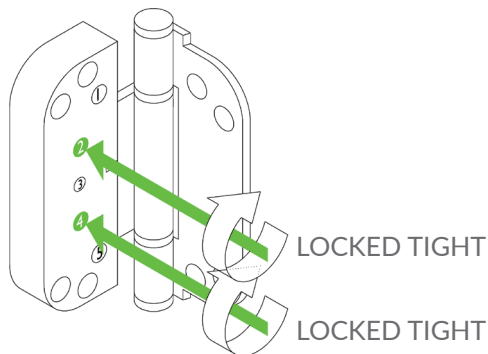


Packing directly behind the bottom hinge of each sash stops the weight of the door deflecting the frame in the future.



29 Hinge Lock

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



ALL 4 HINGES SHOULD BE LOCKED TIGHT.

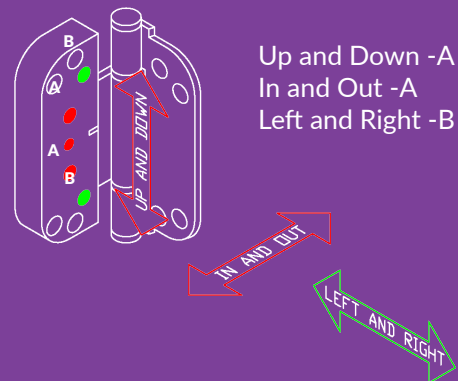


Finishing

- 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.



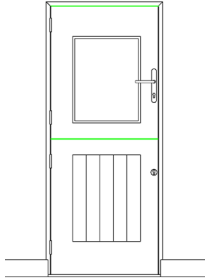


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We have designed our installation instructions around 5 simple key checks which are **1 - Head Gap & Centre**, **2 - Side Gap**, **3 - Viewing Gap**, **4 - Operation** and **5 - Hinge Lock**.

If you can tick off each of these checks, the Rockdoor will perform as expected.

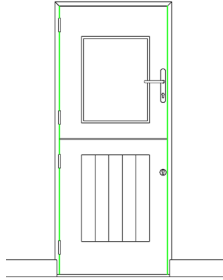
1 HEAD & CENTRE GAP CHECK



The head & centre gap must be parallel.



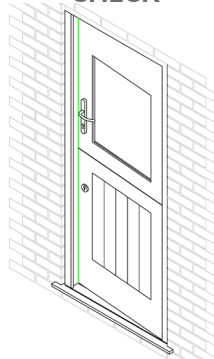
2 SIDE GAP CHECK



The side gaps must be parallel.



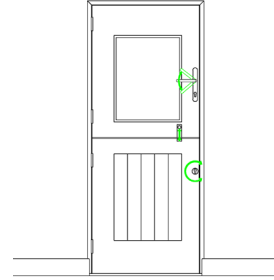
3 VIEWING GAP CHECK



The viewing gap must be parallel.



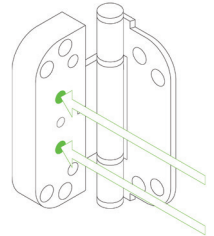
4 OPERATION CHECK



The door should open, close and lock smoothly.



5 HINGE LOCK CHECK



All 4 hinges should be locked tight.



**ROCK
DOOR**

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



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HOMES SINCE
1997