



Installation Guide

ROCKDOOR



Protecting Britain's homes for 20 years.

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.

Top tip

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

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.

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.

15. Make a fixing as close as possible above the top hinge through a 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 a 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.

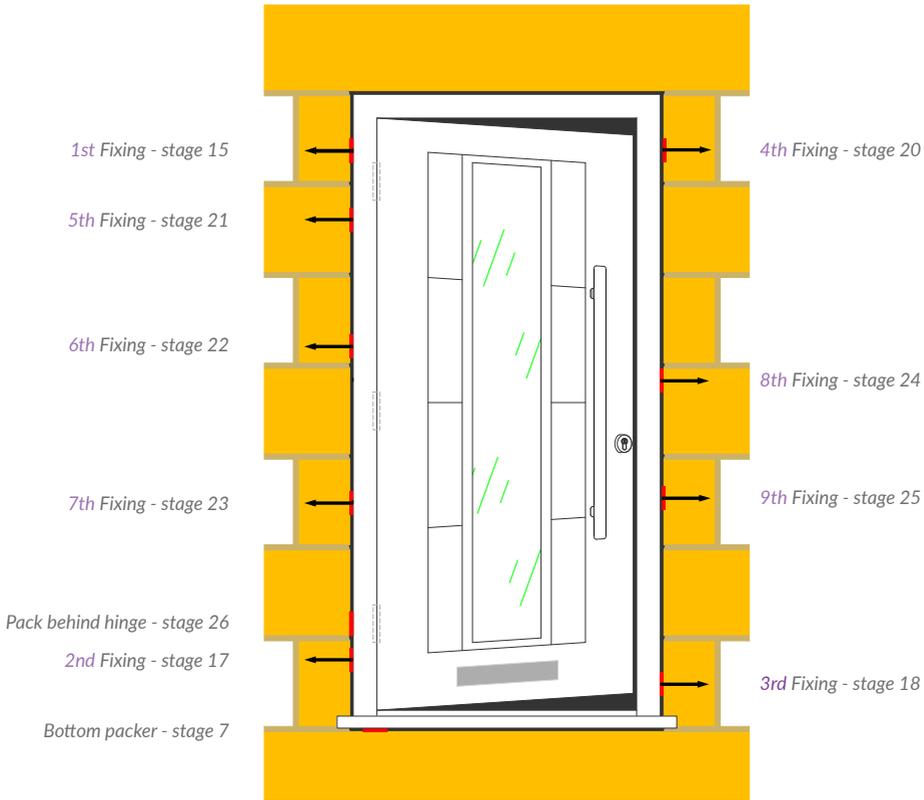
Only proceed if the door functions perfectly.

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. Silicone seal and trim around the perimeter.
33. Clean and tidy any mess and remove all the rubbish.

To watch a Rockdoor installation search online for “Installing a Rockdoor”.

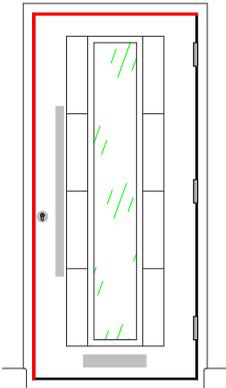


Essential fixing positions



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 label and attach it to Your Rockdoor information leaflet.
- Show the customer how to operate the door.



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