

## How to measure for a window or door

If the windows and doors you are measuring are not fitted into brickwork and have external rendering around the reveals, then you will need to cut back the render in order that you can establish the frame ends.

### Please remember:

Do not measure your existing door or frame but measure the brick opening.

Measure in at least three different places and deduct 10mm from both the final height and width measurements - we do not make any fitting allowances on the sizes you provide.

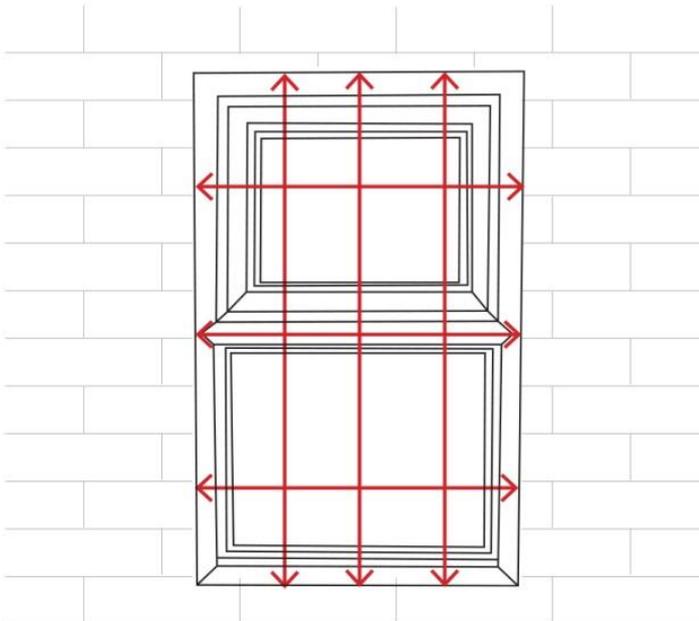
Measurements will need to include the frame, cill and any frame extenders/add ons required.

All dimensions to be supplied in metric and all designs viewed externally.

To ensure your measurements are accurate, measure the opening outside on both the height and width. Do not measure the old frame or door, but measure the exact brickwork opening.

Measure brick to brick in at least three different places and deduct 10mm from both the final height and width measurements to allow for 5mm fitting allowance around the new frame. This will enable you to ensure the new frame sits plumb and square once in the aperture. Spacers will then be required to secure the frame into place.

Always take internal measurements as well - these should generally be less than the external measurements and will let you know if window / door needs add-on packers so that any opening vents do not foul the brickwork / render work.



**Width** - the width should be measured brick to brick at three points - top, middle and bottom of the opening. The smallest of these measurements is taken as the width. Always deduct 10mm from the final width to allow a fitting tolerance.

**Height** - The height should be measured brick to brick at three points - left, middle and right of the opening. The smallest of these measurements is taken as the height. Always deduct 10mm from the final height to allow a fitting tolerance.

## Toughened safety glass

Where the bottom of the glazing is within 800mm of your internal floor you will require toughened safety glass.

## Trickle Ventilation

Replacement windows that have existing trickle vents must be replaced with windows that have trickle vents. You may also wish to include trickle vents to your window to add ventilation to your room. Please add these in extras if they are a requirement.

### Means of escape (Egress hinges)

All habitable rooms (not kitchens) within the upper story of a dwelling which has only one stairwell must have egress hinges fitted in compliance with building regulations unless that stairwell is protected in which case no egress window will be required. Egress hinges are fitted to side hung sashes hung sashes in the window, please add these in extras if required.

### Frame extender (or add-on)

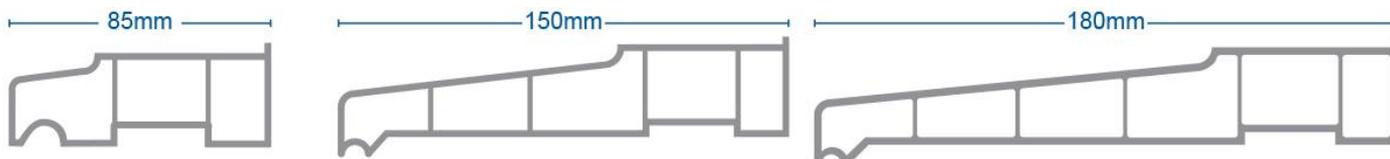
There are occasions where you will require the frame to be hidden behind either internal plaster lines or external render, when doing this you can lose the visible face of the frame. To increase the visible face you can include frame extenders to the outside of the window frames, these will be included in the overall product size, please add these onto the frame if they are a requirement. **If you are ordering inward opening doors then it is recommended to add frame extenders to ensure the hinges have enough free space.**

### Cills

The external window cill forms a protruding lip that directs water away from the brickwork.

Window cills are available in 3 sizes - 85mm, 150mm (standard) and 180mm. **The 30mm height of the cill is included in your overall window height, so please allow for this in the dimensions.**

Ensure that you have clearance from the brickwork.



All cills are 30mm high, this height will be included in the overall window height

You do not have to have an external cill. For example you may have a stone cill and do not want an additional PVC-U one.