EZ Windows

How To Measure Aluminium Windows Guide

Overview

Measuring windows accurately is very important because this will ultimately determine how well your windows fit in the opening. Getting the correct sizes will result in a much quicker and cleaner installation because less time and energy will be spent modifying an opening to accommodate a window to large to fit your opening or trimming large gaps between the window and the wall if a window is too small.

By following the instructions in this guide, you can eliminate many mistakes people make when measuring windows and get your sizes efficiently and accurately. Wrong sizes and miss calculations can be costly in time and resources, you'll want to take all the necessary precautions to avoid them happening to you.

Tool requirements

- Tape measure
- Pen
- Paper
- Calculator (Optional depending on your IQ😊)

How to measure windows

To simplify things there are 3 sizes we need to consider when measuring windows. Wall Opening Sizes, Overall Finished Window Size & Actual Aluminium Window Size.

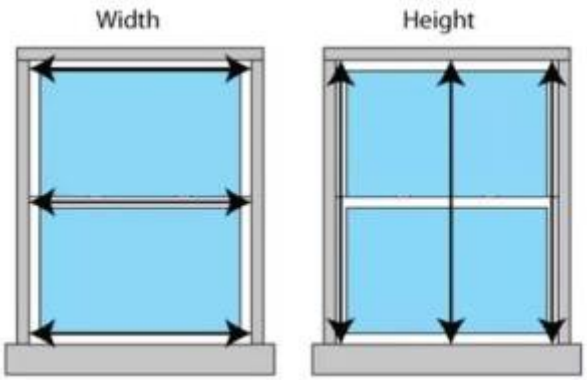
- **Wall Opening** –is **the tight or daylight measurement** of the brick opening or stud opening (Stud to stud internally or brick to brick externally)
- **Overall Finished Window** – this is the **finished overall window size** you can confidently fit into your opening. (Normally 5mm smaller than wall opening sizes)
- **Actual Aluminium Window** – this is the **actual aluminium window size** you enter into the EZ Windows Web Portal. (It's the Finished aluminium size of the window)

So, you are ready and equipped with a pad a pen and a tape measure well you have all the necessary tools but how do you accurately measure your window openings?

1 Confirm Opening Sizes

Measure your opening in the wall to get your **Wall Opening Sizes**,

Begin by confirming the daylight opening sizes in your wall. It's recommended that you measure 3 points horizontally and 3 points vertically to make sure your measurements are accurate.



The method you apply for measuring your wall opening will differ between constructions.

Brick Construction

If you are in a **brick veneer** construction or a **solid brick** construction, you need to measure your **brick opening**, (that is brick to brick externally.)

This will be the overall finished window size that you will require for the windows to fit in their opening. To avoid having large gaps between the windows and the walls to fill you will want to get the tightest possible with a small allowance for packing and squaring.

Weatherboard Construction

If you're in a weatherboard construction, you need to measure your **stud opening**. (That is stud to stud internally.) Your studs are inside your wall and can easily be accessed by removing the internal architrave that surrounds your current windows.

2 Make Your Allowances

After you have measured your brick or stud opening to get your wall opening sizes you can make your small allowance for your clearance to get your **overall finished window size** to fit your opening.

To make allowances subtract your clearance (normally 5mm to 10mm) off your wall opening sizes you have measured to get the overall finished window size. To avoid having large gaps between the windows and the walls it is recommended to get the tightest possible fit but with enough clearance so you can confidently fit your window.

TIP

Depending on how square your brick or stud opening is, it is recommended to leave a clearance of 5mm to 10mm on the height and 5mm to 10mm on the width to ensure that the window will fit and you have ample room for **packing and squaring**.

For more information regarding installation please see the EZ Windows Aluminium Window Installation Guide.

3 Calculate Actual Aluminium Window Size

Once you have your overall window size you can make the necessary deductions to get your **actual aluminium window** sizes.

NOTE: You will need to enter actual aluminium window sizes into the EZ Windows web portal…

If you only require reveals: With your overall finished window sizes, you need to subtract your reveal **- 40mm** to get your **actual aluminium size**

If you require reveal & closer trim: With your overall finished window sizes, you need to subtract your reveal & closer trim **- 43mm** to get your **actual aluminium size**

- *Working example for **aluminium windows**… (wall opening 2100 x 1800 & Clearance allowance of 5mm)*

ALUMINIUM WINDOW CALCULATION	Wall Opening	Overall Window	Actual Aluminium
	Height X Width	Height X Width	Height X Width
Window with Reveal (Height - 40mm) (Width - 40mm)	2100 x 1800	2095 x 1795	**2055 x 1755**
Window with Reveal & Closer Trim (Height - 43mm) (Width - 43mm)	2100 x 1800	2095 x 1795	**2052 x 1752**

NOTE: The only difference between windows and doors is that doors do not have a reveal on the bottom.

- *Working example for **aluminium doors**… (wall opening 2100 x 1800 & Clearance allowance of 5mm)*

ALUMINIUM DOOR CALCULATION	Wall Opening	Overall Window	Actual Aluminium
	Height X Width	Height X Width	Height X Width
Door with Reveal (Height - 20mm) (Width - 40mm)	2100 x 1800	2095 x 1795	**2075 x 1755**
Door with Reveal & Closer Trim (Height - 23mm) (Width - 43mm)	2100 x 1800	2095 x 1795	**2072 x 1752**

TIP

How to calculate aluminium window size

Now that you have the overall window size that you are confident fitting into your wall opening you can make the necessary deductions to calculate your **Aluminium Window Size**.

- If you **don't require a timber reveal,** then your overall finished window size **is** your **Aluminium Window Size** (Note: the aluminium fin can be snapped off)
- If you **only require timber reveals** around your window you will need to subtract **40mm** off the height and **40mm** off the width of your overall finished window size to get your **Aluminium Window Size**.
- If you **require timber reveals and closer trim** around your window you will need to subtract **43mm** off the height and **43mm** off the width of your overall finished window size to get your **Aluminium Window Size**.

FAQ & Technical Information

Note: An aluminium windows overall size will increase by 20mm on every side a reveal is attached. This means a window will finish 40mm higher and 40mm wider overall reveal size

- If you need an inline reveal setup then you can select a closer trim. This trim closes the external 20mm rebate around the outside of the aluminium frame making your whole window the same size outside aluminium as inside over the reveal.

Note: An aluminium windows overall size will increase by 21.5mm on every side a reveal and closer trim is attached. This means a window will finish 43mm higher and 43mm wider overall reveal & closer trim size.

What is a Reveal

The timber reveal is the internal timber lining that surrounds the aluminium frame. You fix your windows to the stud through the reveal. Timber reveals come pre primed, are 20mm thick and come in various depths to accommodate all Constructions. 100mm (pine weatherboard) 110mm (Hardwood weatherboard) 135mm (Brick veneer) 160mm (Solid brick)

What is a Closer Trim

If you need an inline reveal setup then you can select a closer trim. This trim closes the external 20mm rebate around the outside of the aluminium frame making your whole window the same height and width overall outside aluminium as inside over the reveal. Commonly used in solid brick and brick veneer constructions, the closer trim makes it easy to install into brick constructions where the internal studwork and brickwork are basically the same size.