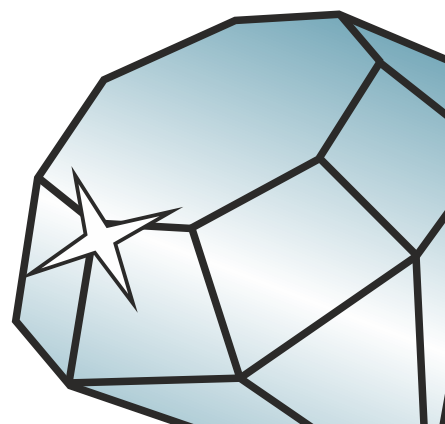


# Secondary Glazing

## Measuring Guide



DURATION  
WINDOWS



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## Introduction

This measuring guide has been produced as a detailed explanation of how we recommend that you measure for our Secondary Glazing.

This document is intended for use as a guide only. Since every installation is different, they all need to be considered on a case by case basis, so please use your own judgement when undertaking the task of installing our Secondary Glazing. This guide has been designed with the aim of helping inexperienced DIY and self builders to correctly measure our Secondary Glazing and has been tailored to this audience.

Before installing Secondary Glazing please familiarise yourself with the Building Regulations, specifically the glass safety regulations, [BS 6262: Part 4 \(1994\)](#).

If after reading this guide you are still unsure or do not understand how to measure our Secondary Glazing, please contact an experienced installer or our technical department for further help and advice. Supplying photographs can allow us a greater insight and aid us to better assist you in your query.

# Measuring The Reveal



## **Step One**

Measure the width of the reveal.

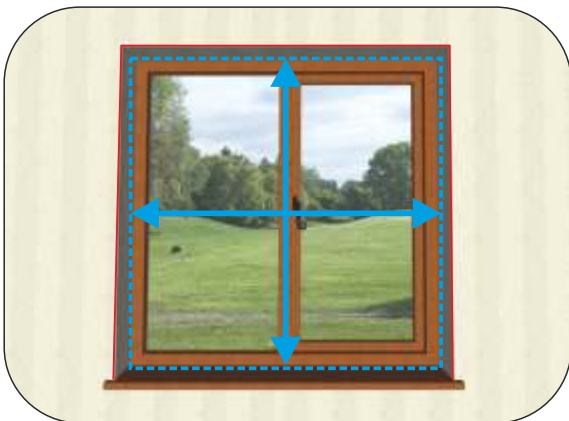
We suggest that you take a range of measurements as not all reveals will be square and level.



## **Step Two**

Measure the height of the reveal.

As with the width we suggest that you take a range of measurements as not all reveals will be square and level.



## **Step Three**

Once all measurements are taken you will clearly see if the reveal is square.

Our secondary glazing will be made square so you need to use the smallest width and height out of the range of measurements taken.



## **Fitting Tolerance**

Once you have the tight square sizes you now need to allow for a fitting tolerance.

Most customers will allow a tolerance of 6mm off the width and height. This gives you a consistent 3mm gap around the entire product.

Please note this tolerance is for guidance only. Each installation / property will be different and may need a different tolerance. You can use more or less depending on your situation.

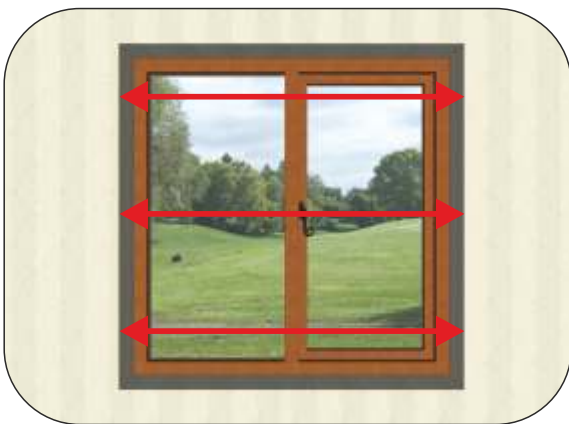
We reserve the right to make changes to the product specification as technical developments dictate, and without prior notice. Pictures shown are for illustrative purposes and are not binding in detail, colour or specification.

# Measuring To Fix Over The Reveal



In some situations you may wish to install the product over the reveal and face fix it to the wall.

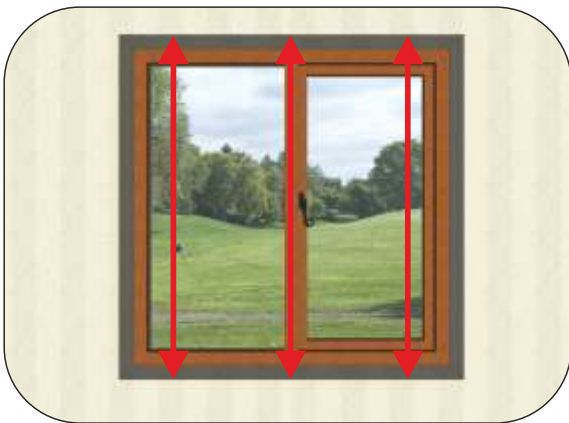
This usually works best with our economy face fix secondary. Please see image to the left as an example.



## **Step One**

Measure the width of the reveal.

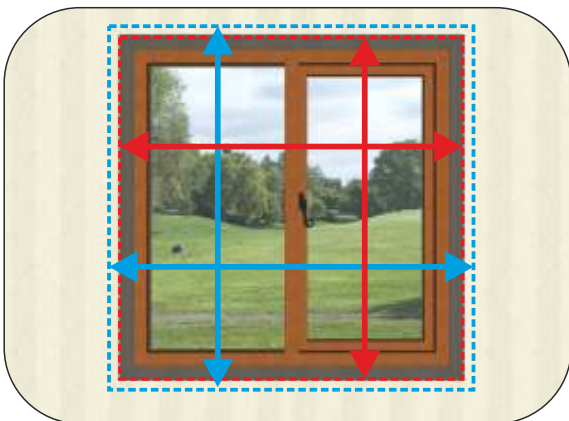
We suggest that you take a range of measurements as not all reveals will be square and level.



## **Step Two**

Measure the height of the reveal.

As with the width we suggest that you take a range of measurements as not all reveals will be square and level.



## **Step Three**

Our secondary glazing will be made square so you need to use the smallest width and height out of the range of measurements taken (Red dotted line).

Once you have the tight size you then need to add on the frame width so it can be face fixed to your wall (Blue dotted line).

Each frame is different so please see our technical manuals for sizes.

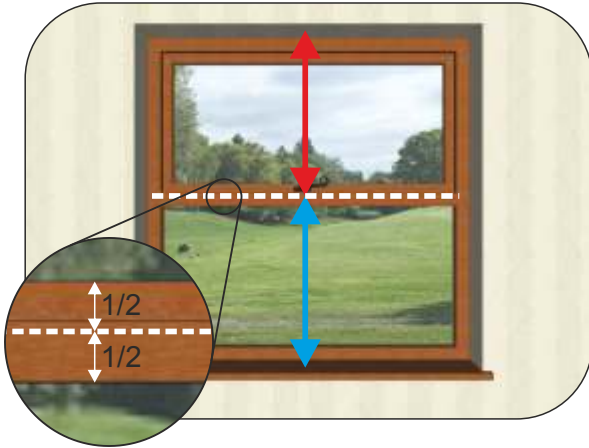
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# Measuring Window Splits

Once you have measured your reveal we now need to know the split dimensions so we can line up our secondary with your existing windows. When lined up this helps to minimise the visibility of our secondary.

Note that when we compute / make your secondary we measure to the centre point of the metal bars.



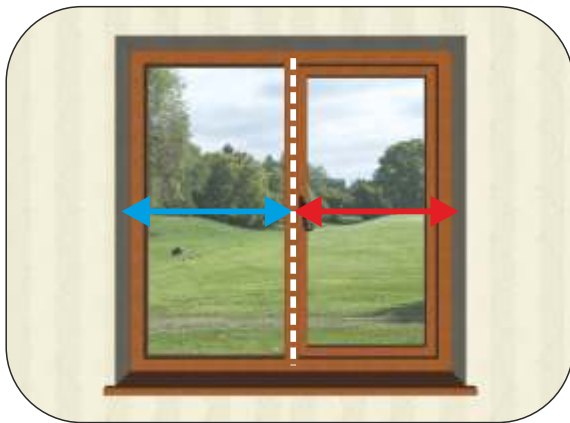
## Measuring Vertical Splits

This type of split will usually be on a vertical sliding product such as sash windows.

First measure from the base of the window to the centre of the bar (white dashed line) where the two panels meet.

Next take the measurement from the same centre point to the top of the window.

Once we have these measurements we will then manufacture the secondary so that the centre point of our horizontal bar is in-line with the bars on the existing prime window.



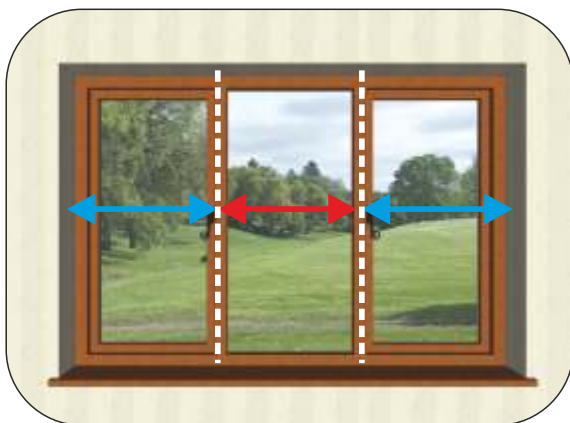
## Measuring Horizontal Splits

Any product using 2 panels such as our horizontal sliders or double butt hinged will require the centre split to line up.

First measure from the left hand side of the reveal to the centre of your existing bar (white dashed line).

Next take the measurement from the same centre point over to the right hand side of the reveal.

As with the vertical splits we can then manufacture our secondary so that the centre points of our vertical bars are in-line with the bars on the existing prime window.



## Measuring Multiple Horizontal Splits

Measuring multiple paned windows for products such as horizontal sliders with 3, 4 or 5 panels has the same principle as the above.

Start by measuring from the left hand side to the centre point of the first bar (white dashed line).

Then measure from the same centre point to the next bars centre point (white dashed line).

Continue this until all measurements are taken.

# Measuring A Bay

## Step One

Choose the style of secondary you wish to use and what frame option you require.

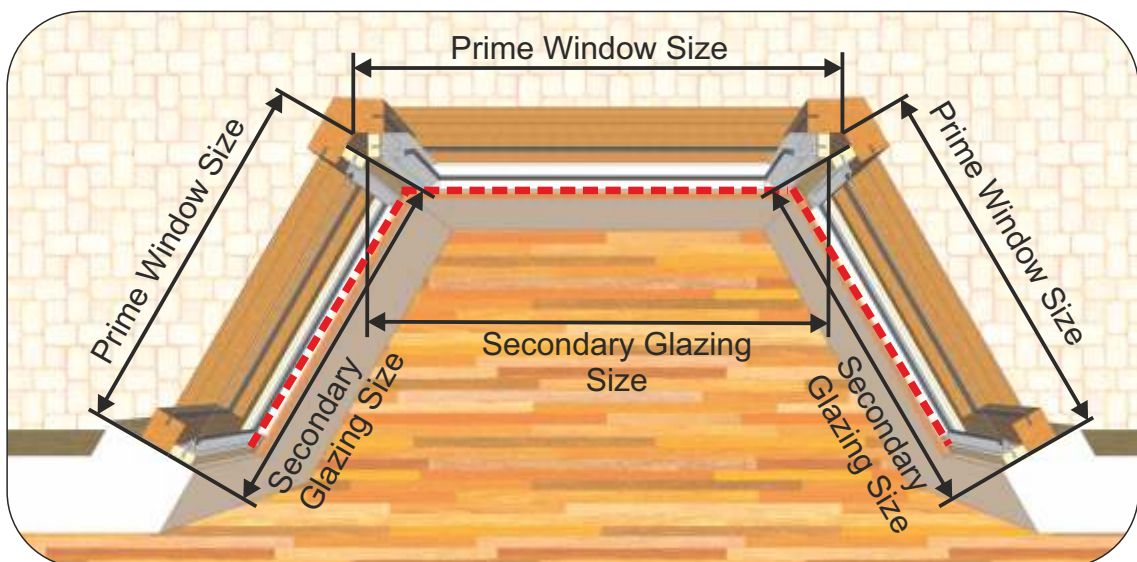
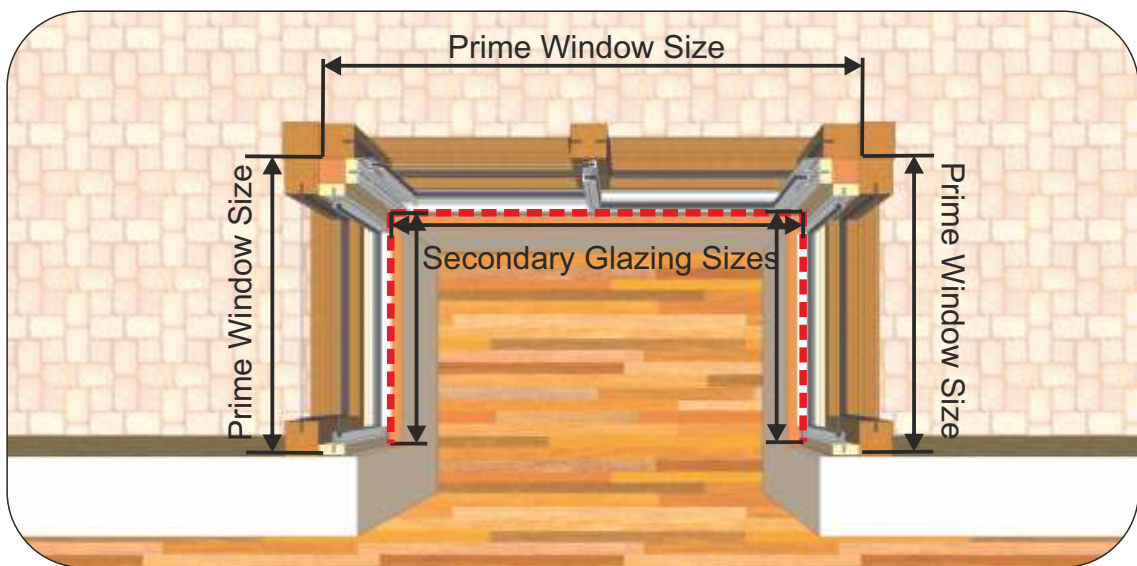
## Step Two

To obtain the secondary size first project a line forward from the internal side of the prime window - Indicated by the red dotted line.

These lines need to be projected forward by the frame thickness as chosen in step one. (See page 7 for frame options and sizes).

These are the tight sizes for the secondary glazing. You now need to deduct your fitting tolerance.

Please note that we do not provide any coupling or corner posts with our secondary. Any posts will need to be purchased separately from another company.



## Fitting Tolerance

Most customers will allow a tolerance of 6mm off the width and height. This gives you a consistent 3mm gap around the entire product.

Please note this tolerance is for guidance only. Each installation / property will be different and may need a different tolerance. You can use more or less depending on your situation.

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# Frame Options

**Below Shows The System & Its Front To Back Thickness**

## Horizontal Sliders

System	Face Fix (X)	Reveal Fix (X)	Deep Face Fix (X)	Triple Track Face Fix (X)	Triple Track Reveal Fix (X)
Luxury Subframe	39mm	55mm	55mm	55mm	69mm
Slim-Line Equal Leg	39mm	56mm	N/A	N/A	N/A
Heavy Duty	N/A	62mm*	N/A	N/A	N/A

\*This size includes the 6mm panel overlap. Frame is 56mm on its own.

## Vertical Sliders - Non Balanced & Balanced

System	Face Fix (X)	Reveal Fix (X)	Deep Face Fix (X)
Luxury Subframe	39mm	55mm	55mm
Slim-Line Equal Leg	39mm	56mm	N/A
Heavy Duty	N/A	62mm*	N/A

## Vertical Sliders - Tilt Back

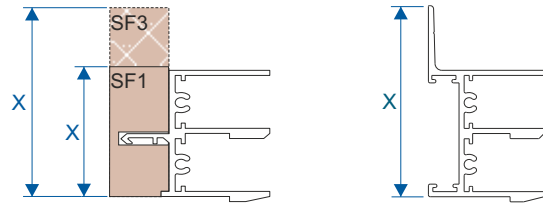
System	Face Fix (X)	Reveal Fix (X)	Deep Face Fix (X)
Luxury Subframe	39mm	55mm	55mm
Slim-Line Equal Leg	45mm	62mm	N/A

## Lift Outs

System	Face Fix (X)	Reveal Fix (X)	Deep Face Fix (X)
Luxury Subframe	39mm	55mm	55mm
Slim-Line Equal Leg	30mm	49mm	N/A

## Hinged - Single & Double

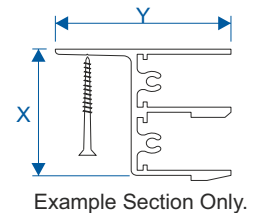
System	Face Fix (X)	Reveal Fix (X)	Deep Face Fix (X)
Luxury Subframe	39mm	55mm	55mm



All sizes shown above represent the thickness (X) of each system. These are only some sample sections.

## Economy Frame Sizes - For Fixing Over The Reveal (Page 4)

System	Front To Back (X)	Frame Size (Y)
Horizontal Slider	39mm	43mm
Non Balanced Vertical Sliders	39mm	43mm
Balanced Vertical Sliders	39mm	43mm
Tilt Back V/S	N/A	N/A
Lift Out	20mm	52mm
Single / Double Hinged	25mm	54mm
Fixed	12mm	20mm



See our full technical manuals for all system & frame sizes on our website.

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### **Main Office & Factory**

Units 4-5,                    t: 01268 681612 (20 lines)  
Charfleets Road,        f: 01268 510058  
Canvey Island,         e: sales@duration.co.uk  
Essex. SS8 0PQ        w: www.duration.co.uk

### **Product Showroom**

Unit 1 Casino Parade,    t: 01268 695100  
Eastern Esplanade,  
Canvey Island,         SatNav Directions  
Essex. SS8 7FJ         Use: SS8 7DN.