Measuring Your Window with Tolerance Deductions

gap and screw heads covered by trim

measuring points

window reveal/ frame area

secondary glazing unit
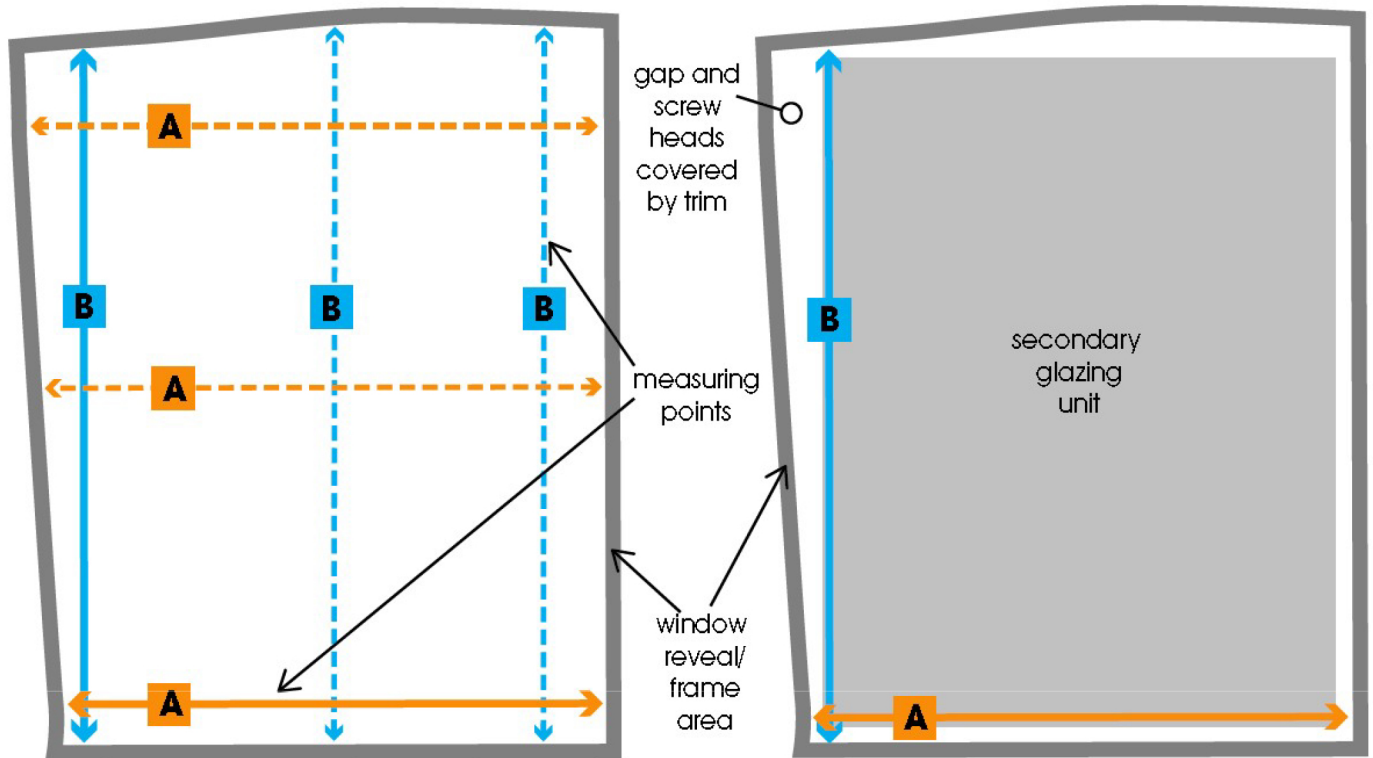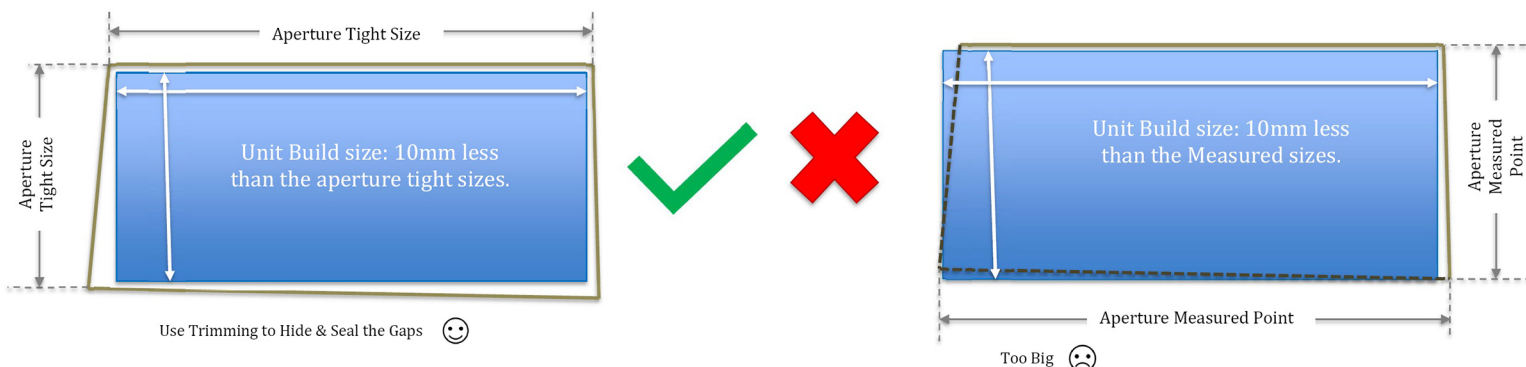
Measuring a window reveal

**Fitting the unit in
an out of square window reveal**

Above left is a representation of an extrememely out of square window reveal - not uncommon in older, period properties. To measure for secondary glazing, measure the primary window reveal in several places vertically and horizontally to find the **narrowest width and height measurement**. This is the measurement we will need to make your secondary glazing unit.

The secondary unit will be square, with parallel sides with 90 degree corners. It needs to be as level as possible when installed to ensure the unit performs at the optimum level.
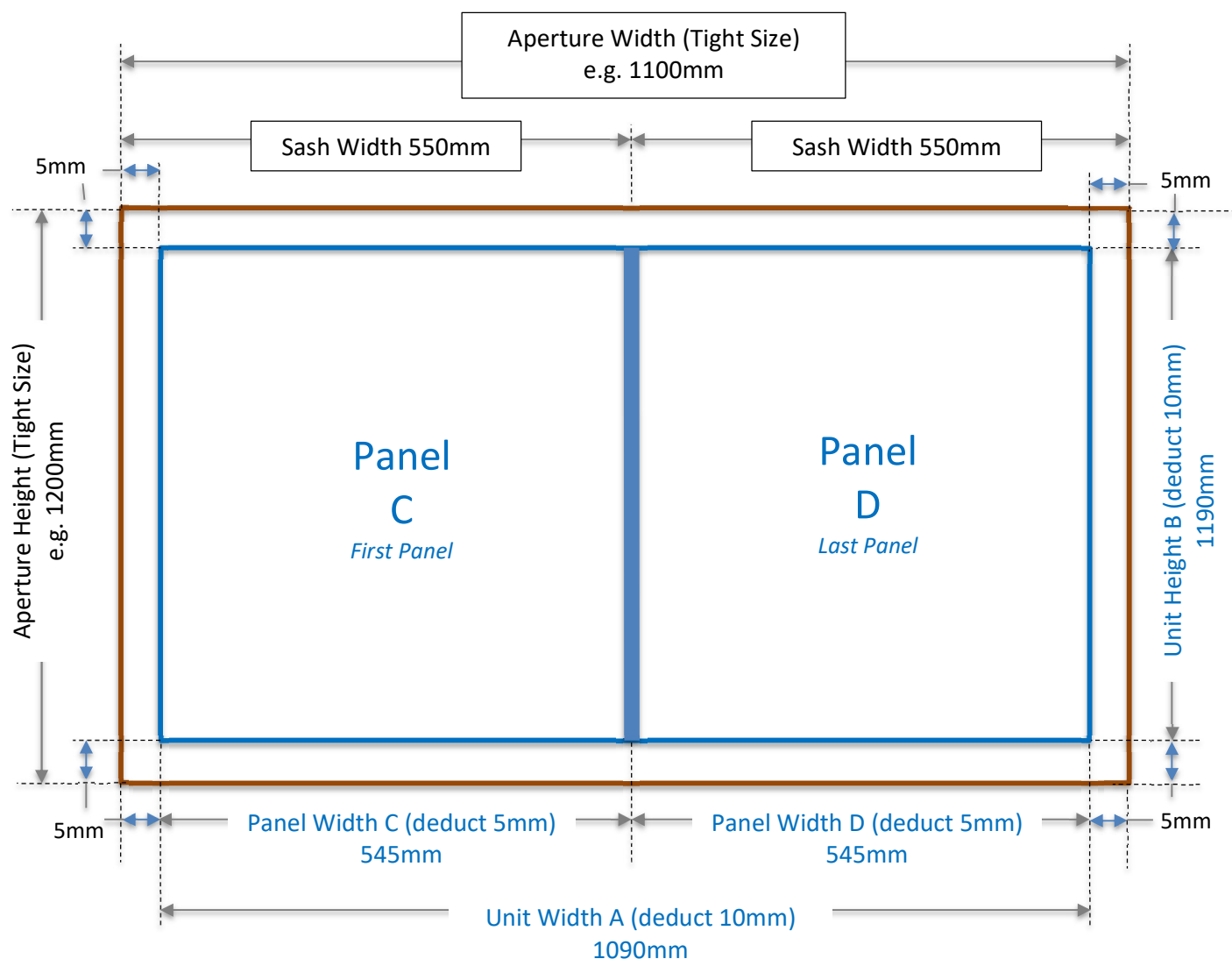Dependent on where you measure the primary window reveal, the width and height measurements may differ. Take several measurements across height and width and use the smallest of each. Then **deduct 10mm**. It is better to have the secondary glazing unit slightly too small, than too large - and therefore unuseable. Gaps are covered by the supplied trim, and the gap also allows small levelling adjustments.

The edging trims which are supplied with the units can then be attached, and scribed where needed to cover any gaps around the unit and walls covering the fixing screw heads. This is attached using a silicon sealant or 'no nails' type adhesive.

Aperture Tight Size

Aperture Tight Size

Unit Build size: 10mm less than the aperture tight sizes.

Use Trimming to Hide & Seal the Gaps ☺

Unit Build size: 10mm less than the Measured sizes.

Aperture Measured Point

Aperture Measured Point

Too Big ☹

Clearview
secondary glazing

clearviewsg.co.uk

Measuring and Tolerance deductions
This is the same principle for horizontal sliders &
Vertical Sliders and if the panels are offset sizes.

Clearview
secondary glazing

Aperture Width (Tight Size)
e.g. 1100mm

Sash Width 550mm

Sash Width 550mm

5mm

5mm

Aperture Height (Tight Size)
e.g. 1200mm

Unit Height B (deduct 10mm)
1190mm

Panel
C
First Panel

Panel
D
Last Panel

5mm

5mm

Panel Width C (deduct 5mm)
545mm

Panel Width D (deduct 5mm)
545mm

Unit Width A (deduct 10mm)
1090mm

Sliding Panels

When all panels are added together, they must equal: -
e.g. C + D =

- Total unit 'A' width for horizontal sliders
- Total unit 'B' Height for vertical sliders.

Note: if a 3,4,or 5 Panel Horizontal slider only the first and last panels need to 5mm deduction. The mid panels stay as measured. e.g.

- *3-panel slider C & E deduct 5mm per panel, no deduction to D*
- *4-Panel Slider C & F deduct 5mm per panel, no deduction to D & E*
- *5-panel Slider C & G deduct 5mm per panel, no deduction to D, E, F*