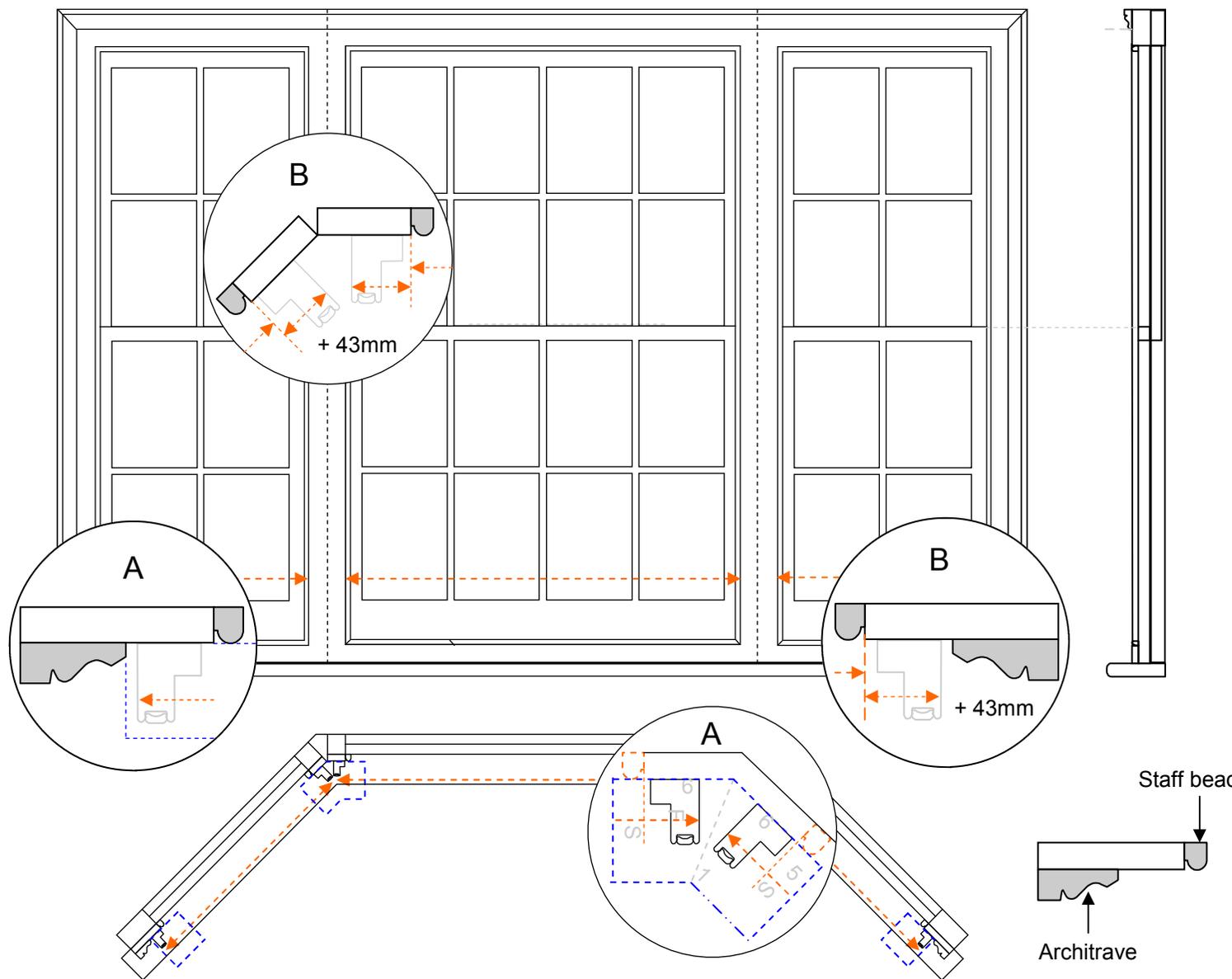


MEASURING: WIDTH



5.0: Sash angled bay

How to measure a Sash bay

Width:

Shutter frames sit on the face of the box frame sash between the staff bead and decorative architrave. (See 5.2 Technical).

This flat section of the sash window can vary in width on each section. In order to create an equal look and design it's generally best to line the frames up with the inner staff beads rather than outer architrave. Note, this is not always the case but the general rule.

With this in mind, the inner measurement is taken, then the frame width is added each side for an even overlap.

A - Width

Using the templates, line up the staff bead line with the relevant staff bead on the window. Stick the templates down with masking tape or blu tack so they do not move when measuring. Measure the width from frame to frame on each section. This will provide the frame order size.

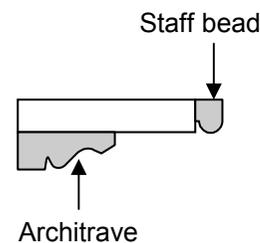
B - Width

Without templates, measure from the outer edge of staff bead to staff bead then add on 43mm each side for the frame over lap. This will provide the frame order size.

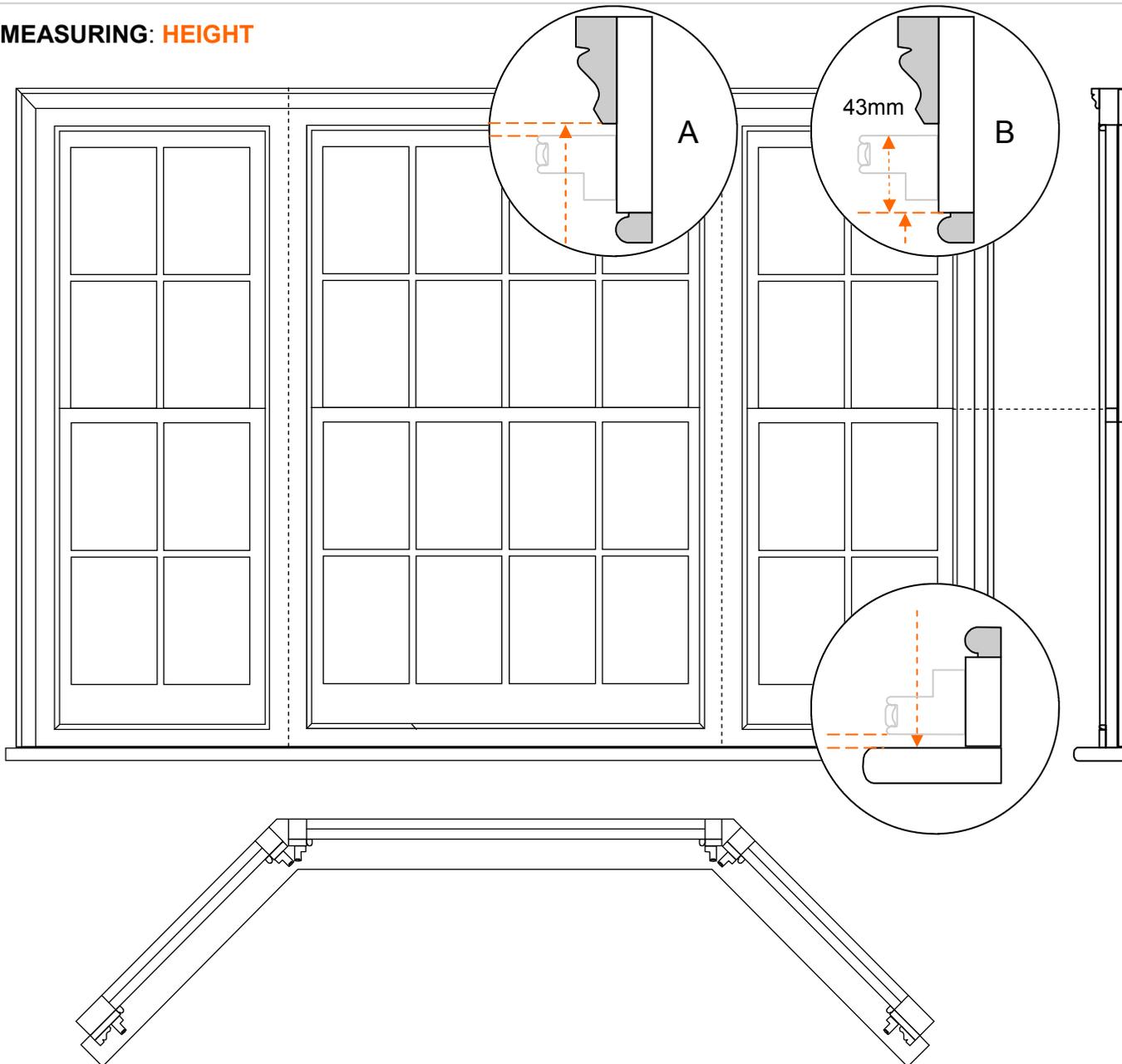
Twin Sash windows

If you have a twin Sash window in the centre section of your bay, follow the extra guides:

- 4.3 Twin Sash
- 4.4 Tpost



MEASURING: HEIGHT



5.0: Sash angled bay

How to measure a Sash bay

Height:

When installing the shutters on a bay window a shadow gap is required between the window sill and bottom frame and a clearance gap is required between the top frame and top inside architrave.

A = Architrave height:

When measuring from the sill to the inside edge of the architrave, 15mm is the recommended deduction from the smallest height across all 3 bays.

Sash windows are normally out of level and when fitting 3 or more frames together around a bay, more clearance is required to ensure all 3 frames line up horizontally.

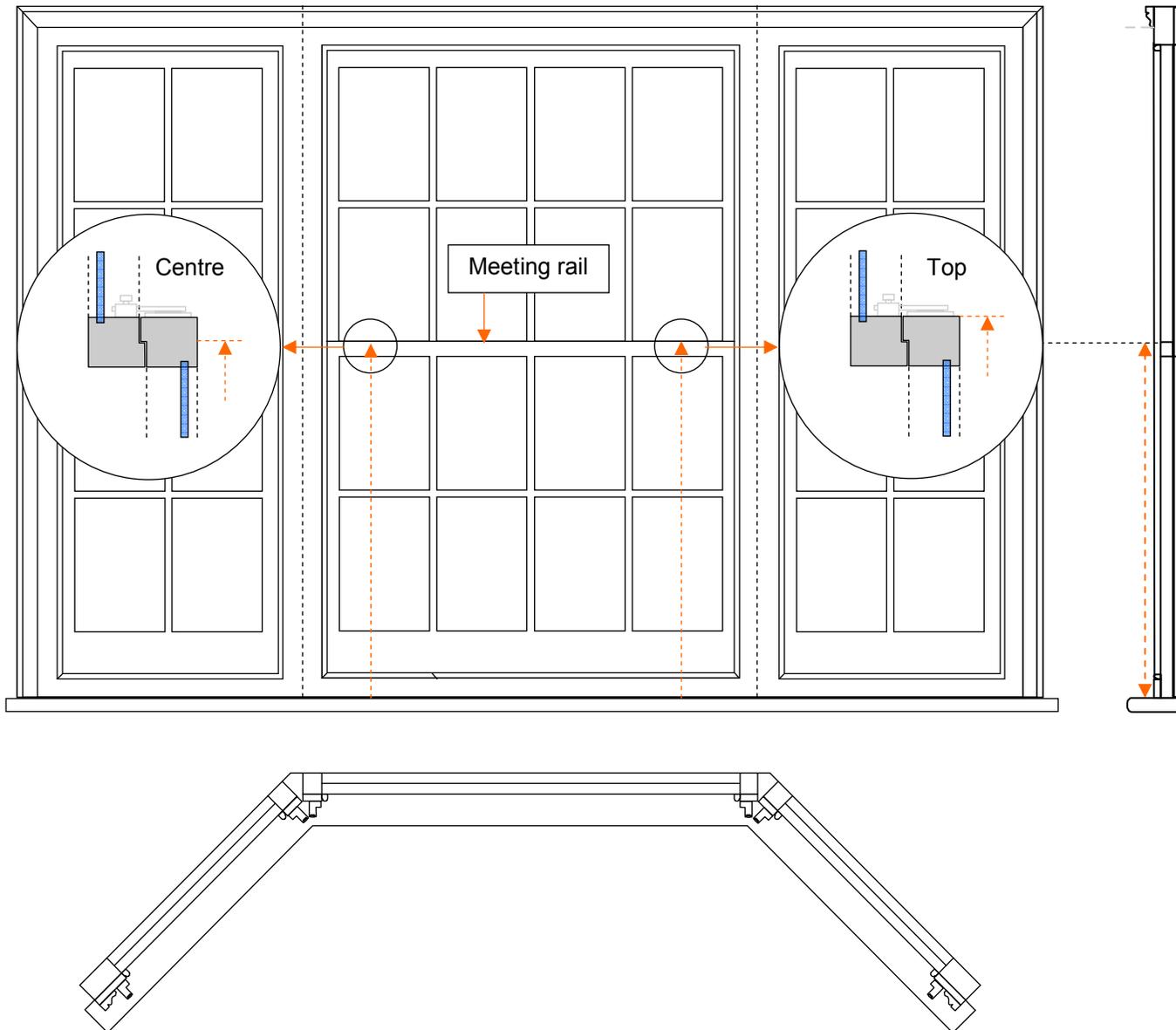
B = Staff bead height:

With wider Sash frames, measuring to the staff bead is recommended. This ensures the shutter frame matches the window layout better.

From the sill, measure to the top outer edge of the staff bead, then add on 38mm. When fitting the frames a 5mm clearance gap is left between the sill and bottom shutter frame. By lifting the frame up it overlaps the window by 43mm (matching the width).

This is why only 38mm is added on the height.

MEASURING: HORIZONTAL RAILS



5.0: Sash angled bay

How to measure a Sash bay

Meeting rails

Sash bay windows lend themselves to all 3 of the main shutter designs. Full height, half height and top opening.

Find out where to take the height measurement on each design:

Full height - horizontal rail

Measure from the sill to the 'centre' of the meeting rails on the window, take the average measurement across each window.

Deduct 5mm when ordering 'Frame' size.

Half height

It is important that you do not see any of the meeting rails above the shutters as these can be out of level and will make the shutters appear out of level if taken too low.

Measure from the sill to the 'top' of the meeting rails on each section, take the highest measurement.

Deduct 5mm when ordering 'Frame' size. (There are 3 sided and 4 sided frame options when ordering half height shutters.)

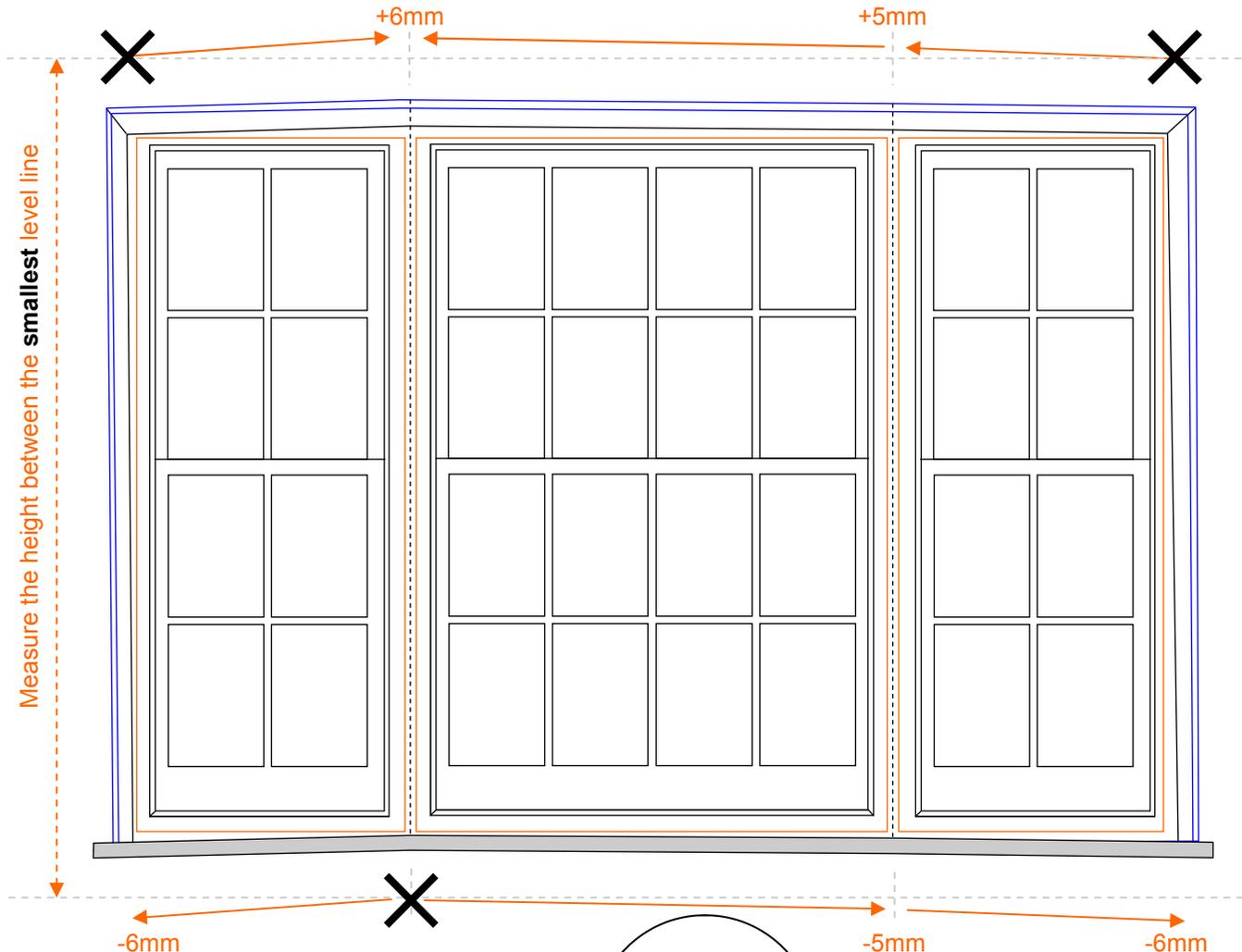
Top opening

When the top set of shutters are open it is important that you do not see any of the meeting rails as these can be out of level and will make the shutters appear out of level if this height measurement is taken too low.

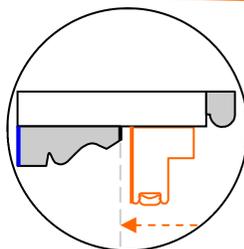
Measure from the sill to the 'top' of the meeting rails on each section, take the highest measurement.

Deduct 5mm when ordering 'Frame' size.

MEASURING: OUT OF LEVEL WINDOWS



- Shows the shutter outer frame position
- Shows the inner architrave edge
- Shows the outer architrave edge



5.0: Sash angled bay

What if my window is out of level?

Sash bay windows are not usually level, over the years the sides or centre will drop either way they are not usually straight horizontally or vertically.

As the shutter frames are sat on the front of the bay, it is not so important to get tight gaps between the frame and architrave.

The L frame sits forward by 50mm so you do not notice levels like you would a recessed bay window.

This can work to your advantage and larger clearance gaps can generally be allowed for on Sash bays windows.

Measuring:

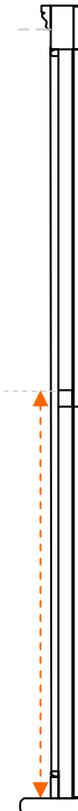
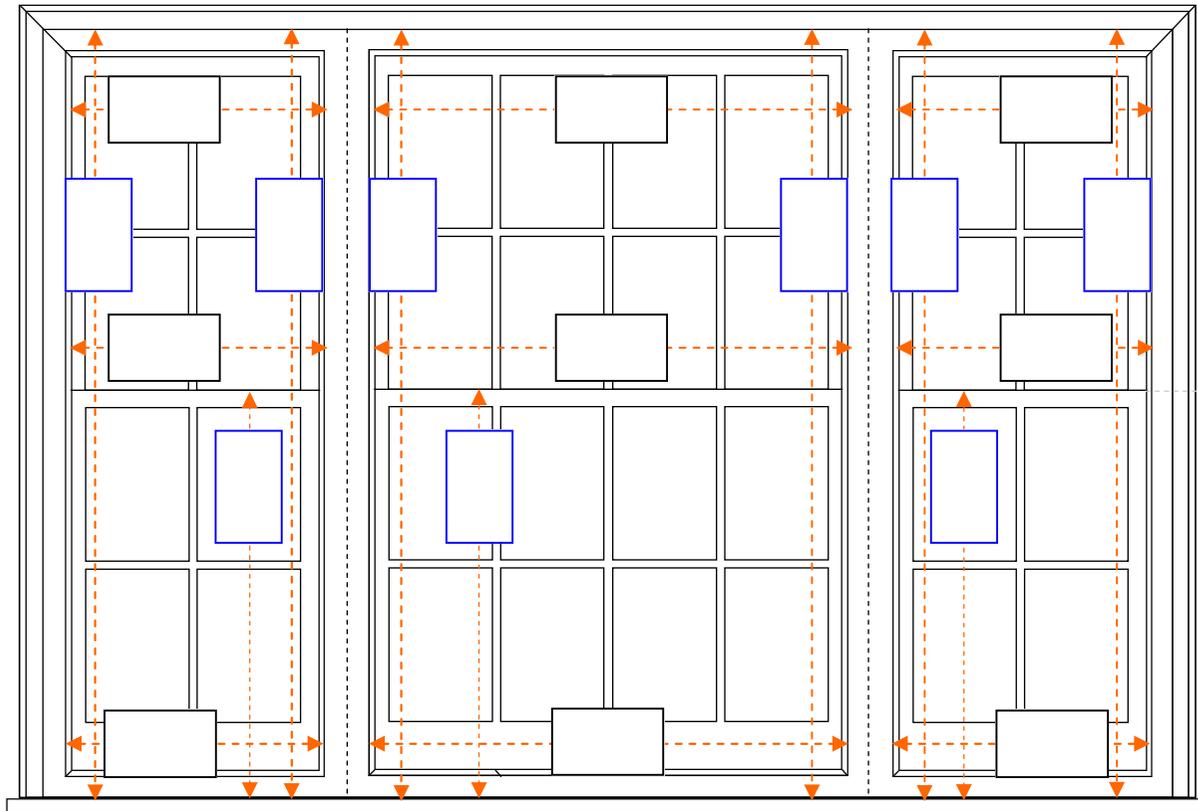
Follow the example drawing here and draw out the levels of the window, then measure the height between the two smallest level lines.

The wider the window frame the more you can get away with tilting the individual frames or fitting them so they are not dead in line.

Advice

If you would like further advice please upload photos of your window and a similar Drawing with the relevant sizes and levels shown.

MEASURING: SASH ANGLED BAY



5.0: Sash angled bay

Survey form

Enter your exact architrave or staff bead sizes into the boxes on the left.

Enter the smallest architrave or staff bead order sizes below.

Height - Deduct 15mm if measuring to the architrave, add 38mm if measuring from the staff bead.

Shutter details

Room name

Shutter type

Louvre size

Colour

Frame size

Folding

Options

Smallest order sizes

Left side width

Centre width

Right side width

Overall height

Horizontal rail

Top opening

Handle

Key:

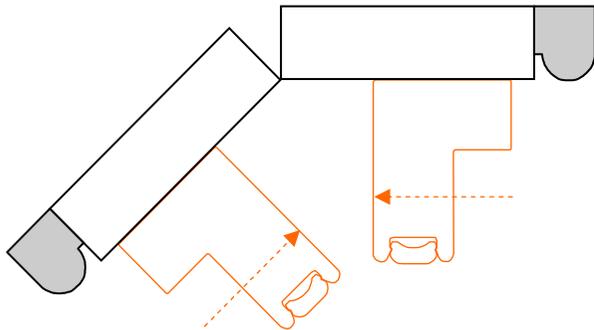
Height

Width

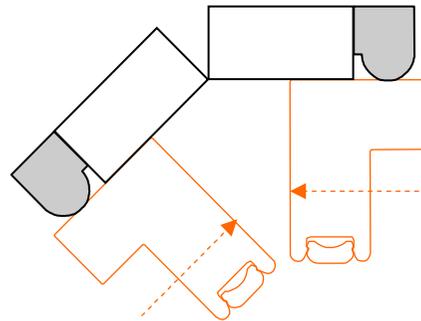
'Double check your measuring'

MEASURING: EXAMPLE ANGLES

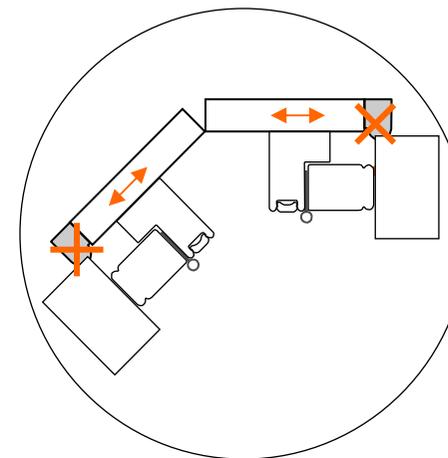
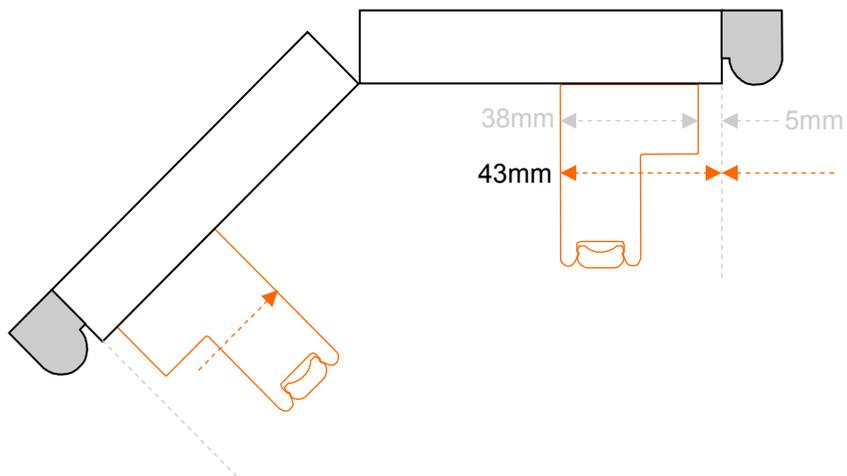
Example A - Standard



Example B - Small



Example C - Wide



5.0: Sash angled bay

Example corner angles

Here are 3 examples showing how the frames can meet in the corners of Sash windows.

Example A is the ideal way to install shutters on a Sash window. Clearance between the staff bead and frame.

Example B Sometimes the shutter frame will over hang the staff bead a little. Sash bays are not usually that level, so ensure you leave a gap between the frames for adjustment.

Example C Keep the shutter frame to a minimum on wide Sash windows to ensure the louvre blade matches the glass area as much as possible.

Measure to the staff bead and add on 43mm.

(5mm clearance + 38mm frame width.)

This avoids the louvre blades catching on the staff bead (if it protrudes).

Frame size

An important note about how frames are measured.

MEASURING: FRAME ORDER SIZE

Important:

All 'Frame' order sizes on L frames are taken from this highlighted edge.

