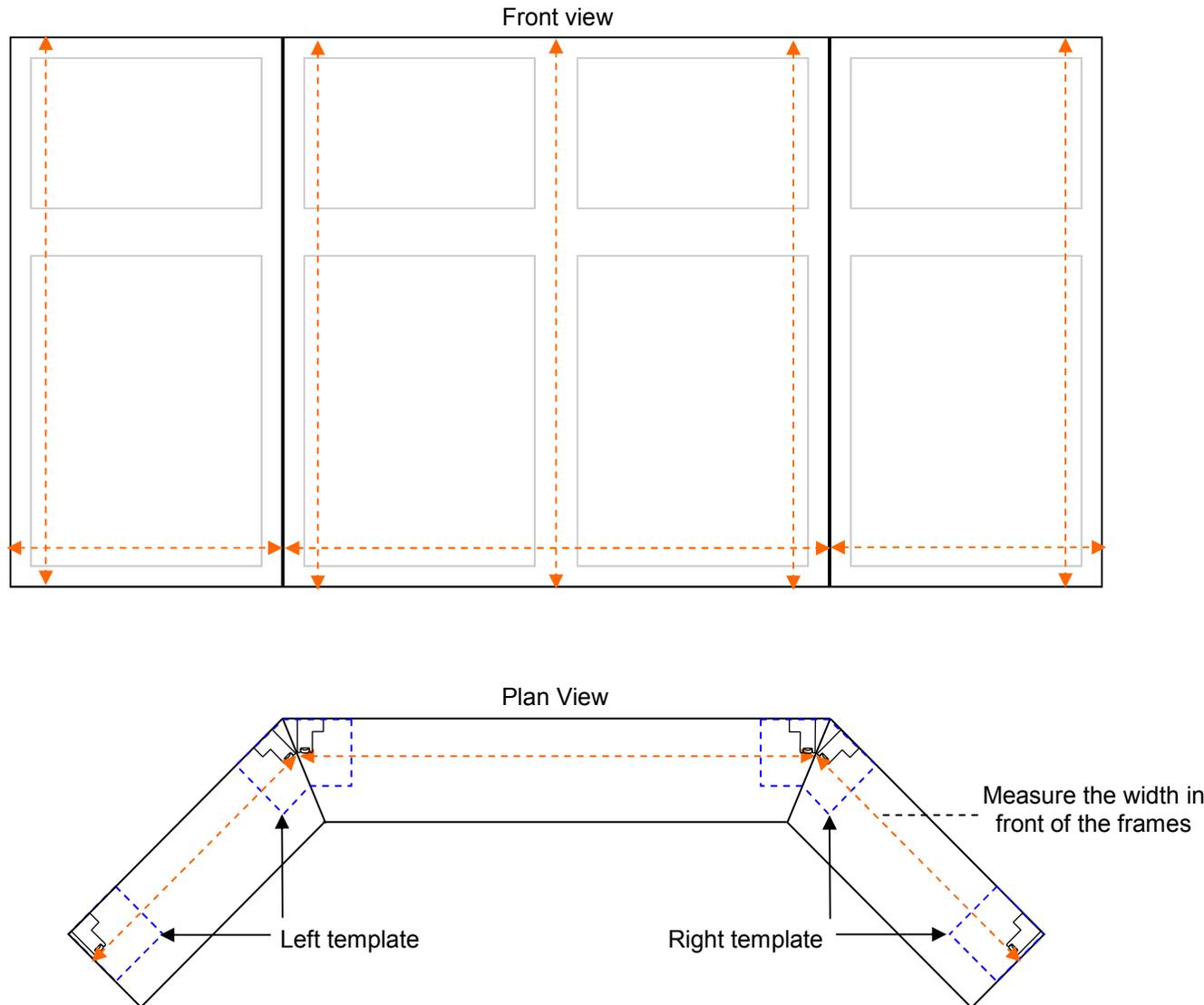


MEASURING: WIDTH & HEIGHTS



6.0: Angled bay

How to measure angled bays

Decide which shutter type and louvre size you require and select the correct sized frame. Frame depth sizes vary between MDF and wood and is critical when measuring bays.

Cut and place the bay templates (6.1) on the window sill to be able to measure the correct width between them.

Tape

Stick the templates down with blu tack or masking tape so they do not move when measuring.

Angle

If the angle is different to the preset 135° template angle, cut out the frames from the template to create a custom angle.

Clearance

Frames that meet in the angle generally touch each other, frames at the sides that meet the wall require a 5mm clearance.

Handles

Ensure the templates are positioned in front of any protruding handles. Adjust the frame depth accordingly, choose build outs or battens to help achieve the clearance required. (See the '6.3 Batten' addition.)

Measuring

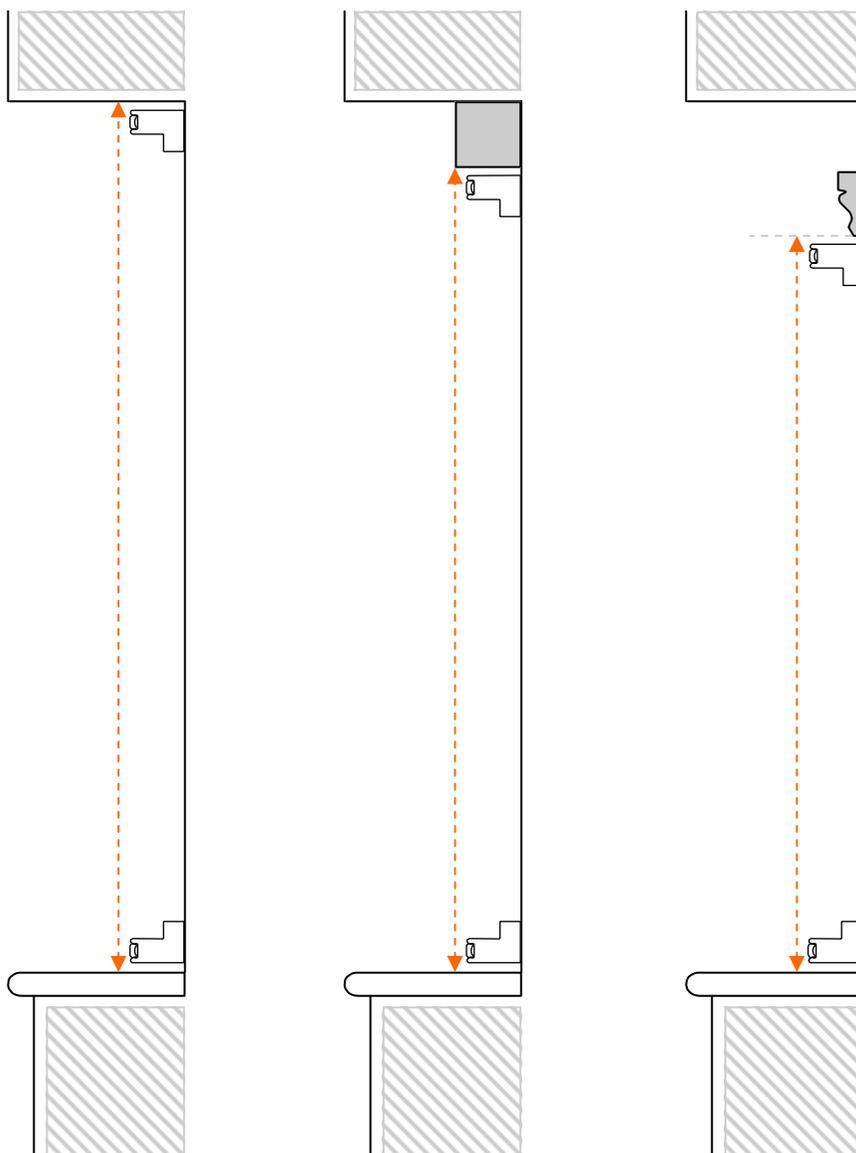
From the left, measure the 'Frame' width between each template.

Height

Measure the height across the bay at each window. (Use the smallest height.)

MEASURING: HEIGHT

Side view



6.0: Angled bay

Measuring the height

Here are 3 examples of side views showing how shutter frames can be finished at the top of a recess and where to measure for each type.

Clearance

5 - 7.5mm clearance is generally required top and bottom from any obstacles or architraves on bay windows.

Level

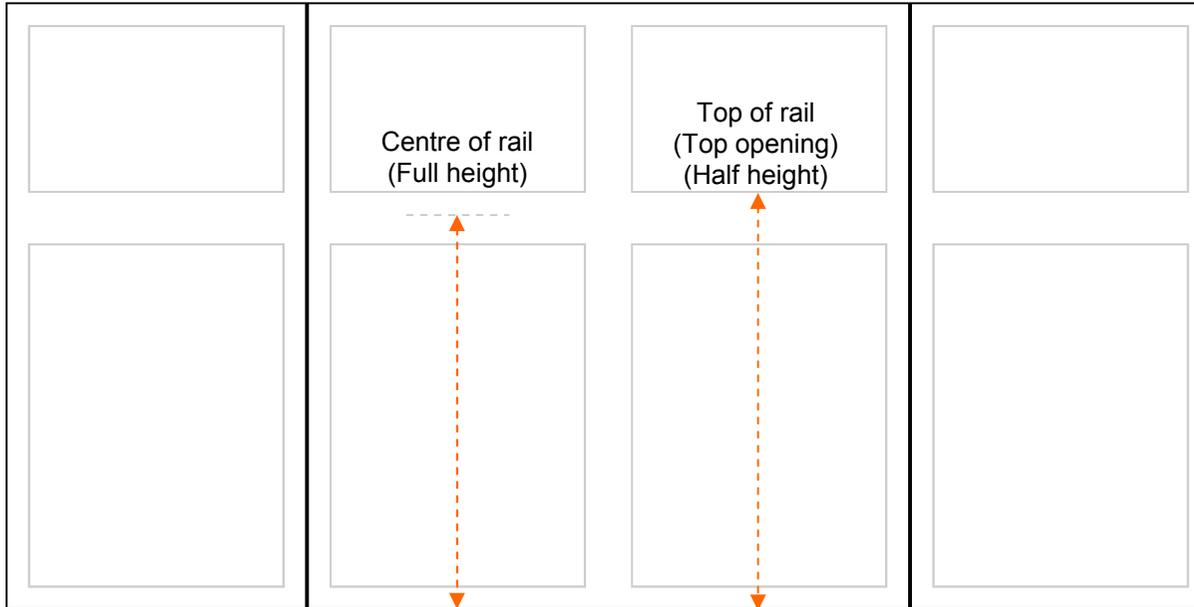
Remember to check the level and take the smallest height between the level points.

Measuring.

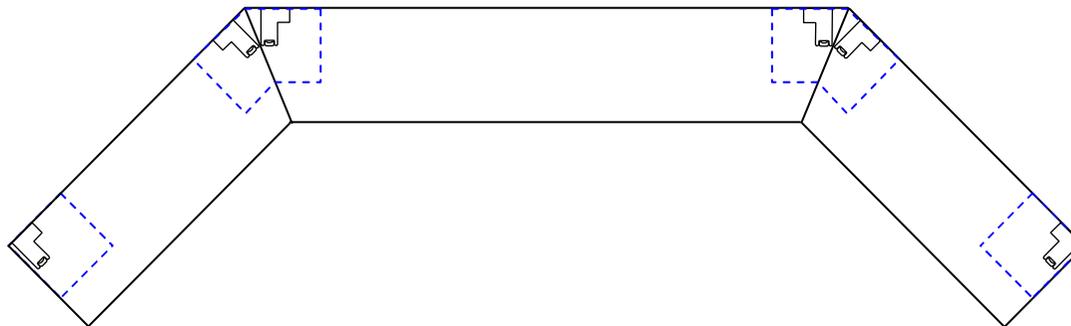
Measure from the sill to the inside of the top recess or architrave.

MEASURING: RAIL HEIGHTS

Front view



Plan View



6.0: Angled bay

Rail heights

A bay window can be fitted with the following shutter designs:

Full height - Half height - Top opening

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

Horizontal rail

Measure from the sill to the **centre** of the rail on the window.

Deduct 5mm when ordering 'Frame' size. Heights over 1800mm require a horizontal rail as standard.

Half height

It is important that you do not see any of the window 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 window rails, 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

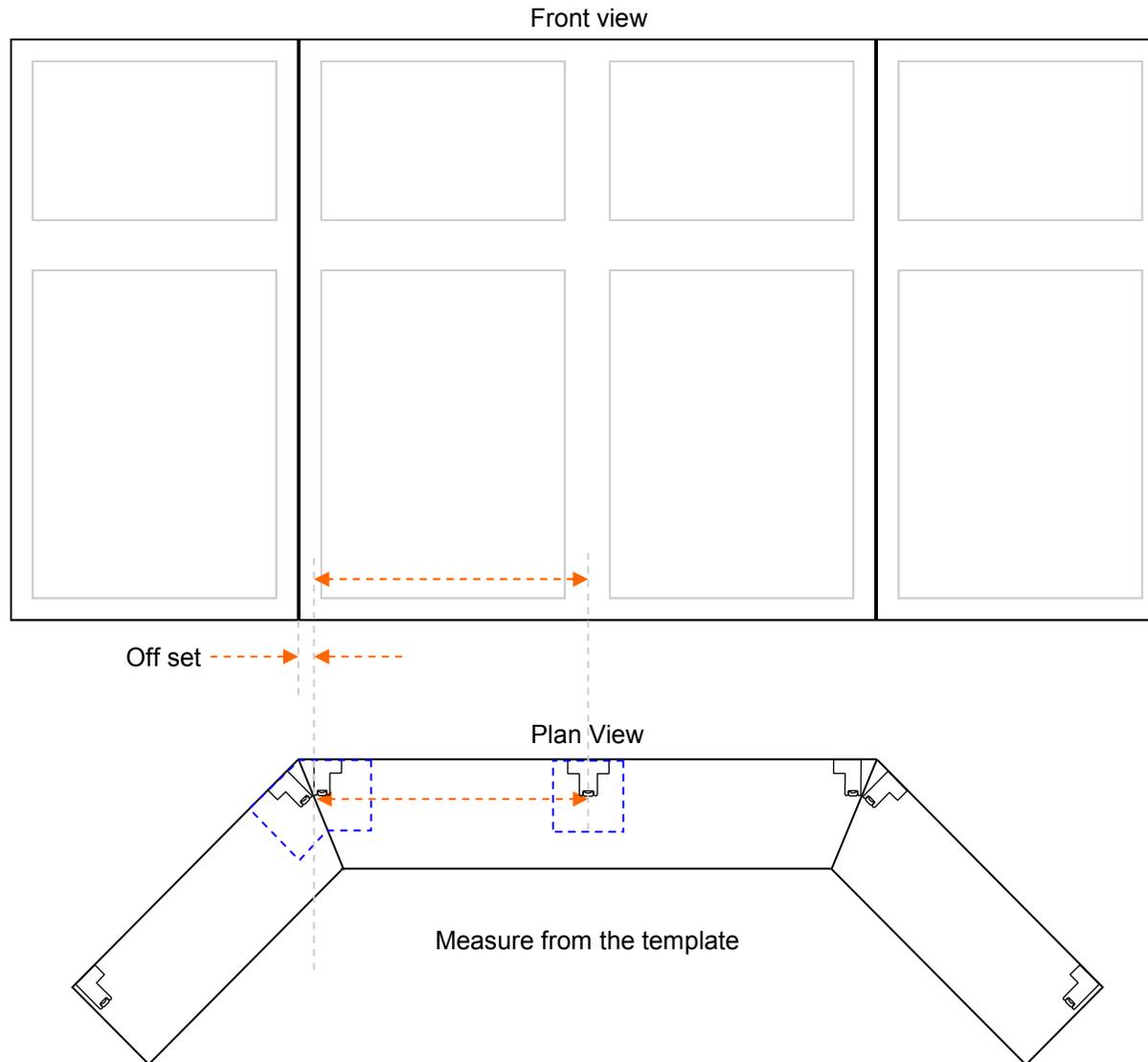
When the top set of shutters are open it is important that you do not see any of the rails on the window as these can be out of level and will make the shutters appear out of level if this height measurement is taken too low.

Measure from the sill to the **'top'** of the rails on the window, take the highest measurement.

Deduct 5mm when ordering 'Frame' size.

6.0: Angled bay

MEASURING: ADDING A T POST TO A BAY WINDOW



Adding a Tpost

Bay windows with wide centre windows can be fitted with Tposts like standard rectangular shutter frames.

Design

Adding Tposts is very popular, they ensure the shutter panels line up with the window mullions and make it easier to access opening windows.

The bay angle off sets the far left and right shutters in the centre window. Large handles off set the shutters even more so it is important to keep the panels matching the window layout as much as possible.

Measuring

When measuring Tposts, always take the measurement from the Frame size on the template not the window.

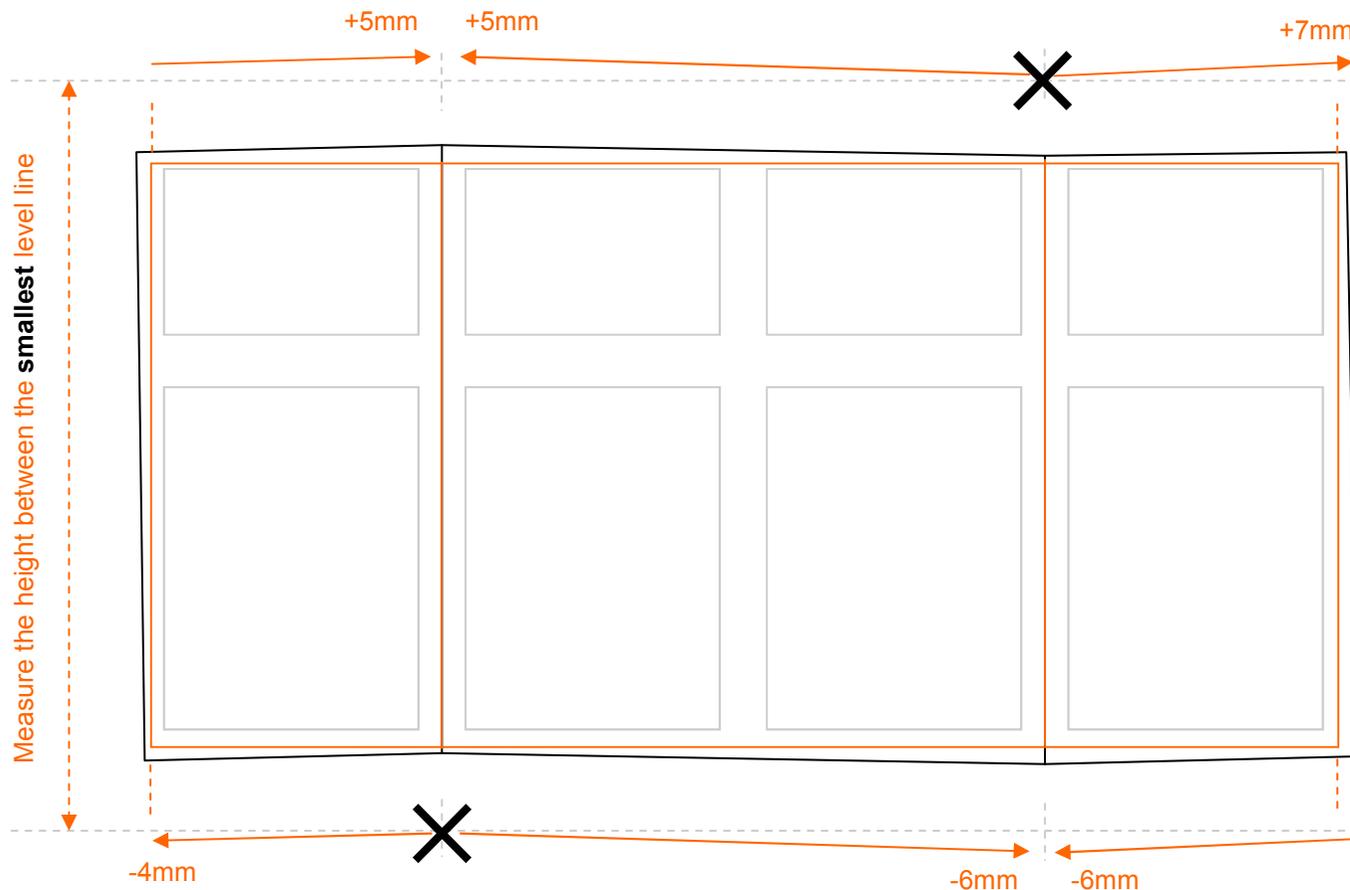
Measure from the same left side the main frame width was taken from.

More than 1 Tpost

Take all the measurements from the same left frame side to the centre of each Tpost.

Follow the '1.4 Tpost' measuring guide for extra advice and templates.

MEASURING: OUT OF LEVEL BAY WINDOWS



- Shows the shutter frame position
- Shows the window level
- - - Indicates a level line

6.0: Angled bay

What if my window is out of level?

Bay windows are quite often out of level. It is important to check the levels and work out the smallest point between them.

Each shutter bay section is screwed together, so when adjusting one side it will affect the other frames too.

With 3 frames involved it is important to allow more clearance as the adjustments required can get larger.

Example

In this typical example you can see the two smallest points are marked with an 'X' and that the far left bay drops and the right centre angle drops.

Measuring

Follow this example and draw a top and bottom level line, then work around the bay checking the levels and marking each level on the paper. Doing this visually will help you see the levels of the bay more clearly.

Clearance

5 - 7.5mm clearance is still required from these smallest width and height sizes.

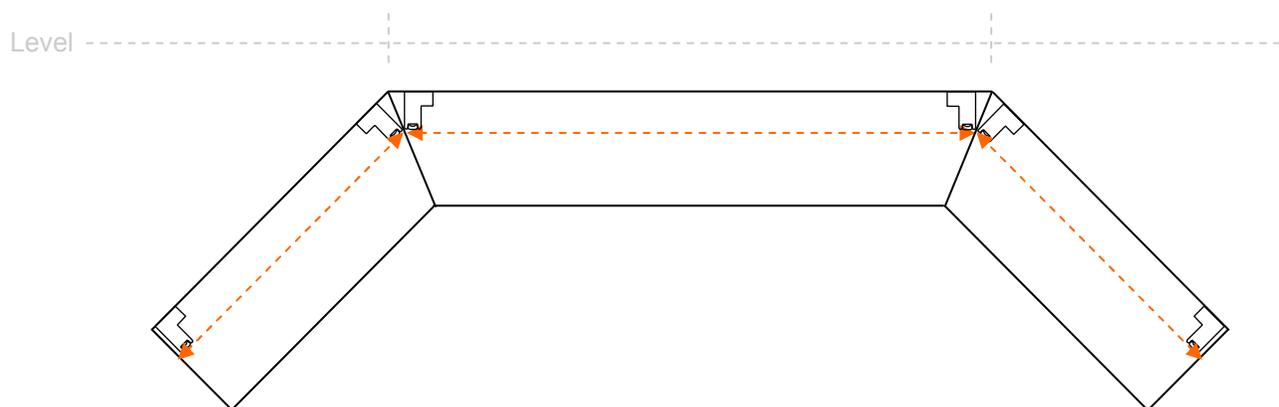
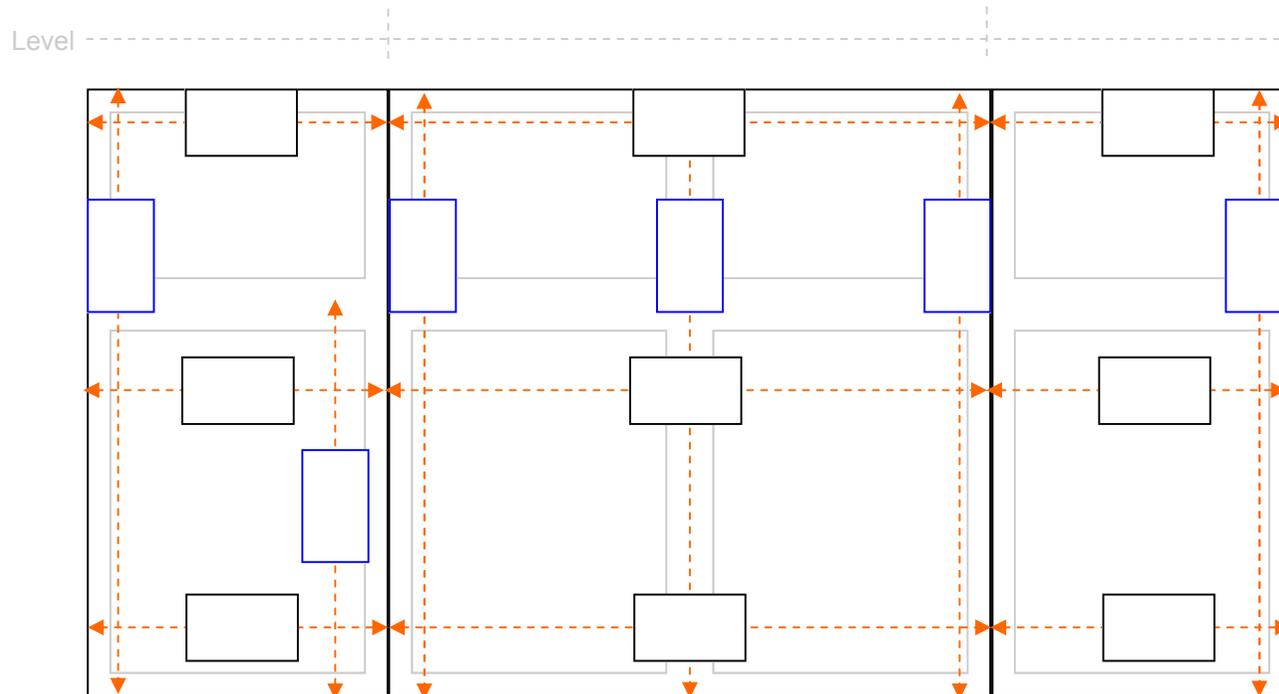
Ordering 'Frame' size rather than 'Recess' size is recommended on bay windows. This allows you to create your own shadow gap according to the levels of your window.

Advice

If you would like further advice please upload photos of your window and a similar drawing showing the relevant sizes and levels marked out.

6.0: Angled bay

MEASURING: SURVEY FORM



Key:

Height

Width

Survey form

Enter your exact bay recess sizes into the boxes on the left.

Enter the smallest recess order sizes below.

Shutter details	
Room name	
Shutter type	
Louvre size	
Frame size	
Folding	
Options	

Smallest order sizes	
Left side width	
Centre width	
Right side width	
Overall height	
Horizontal rail	
Handle	

'Double check your measuring'

MEASURING: SPLAYED CORNER DESIGN

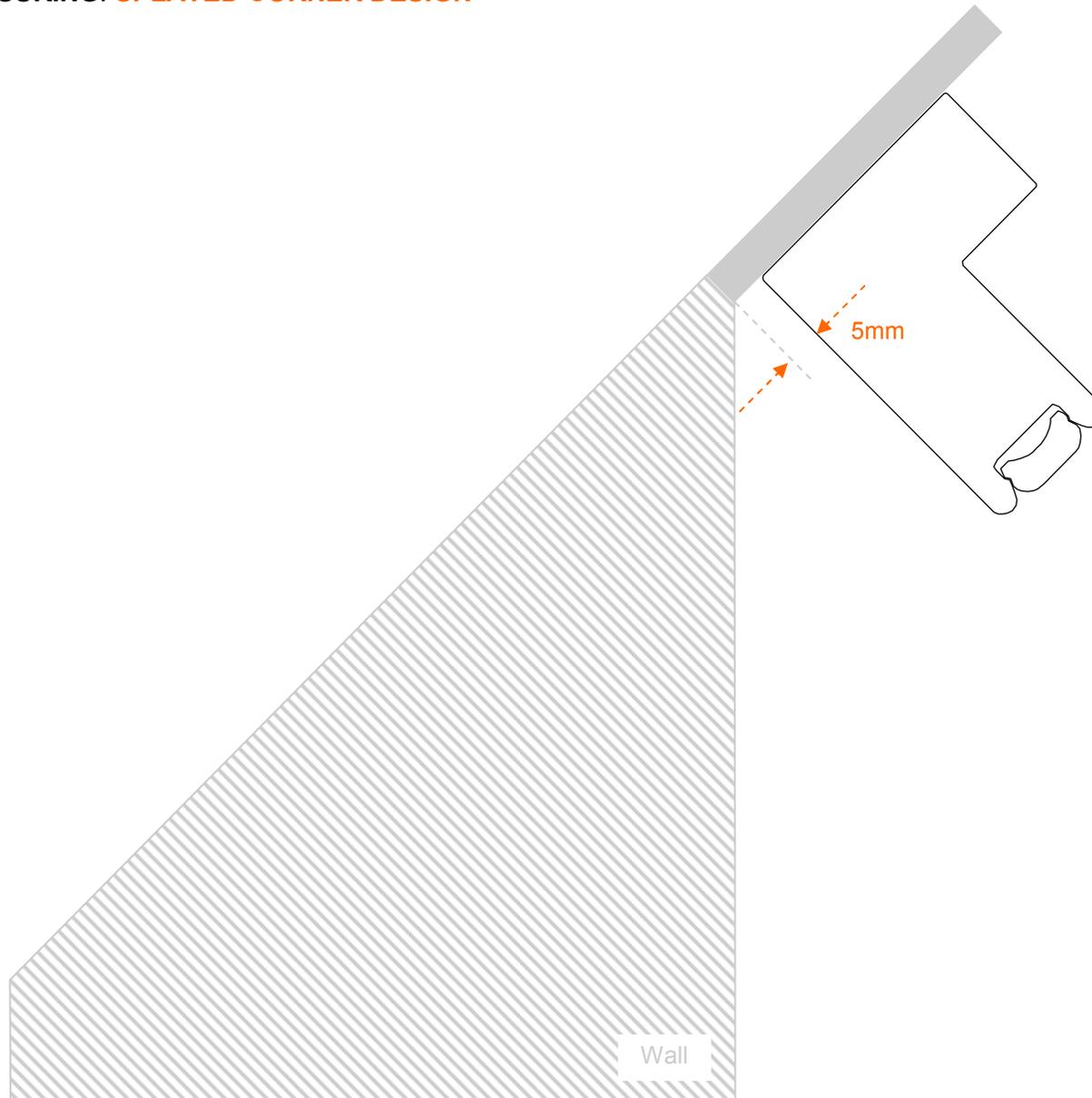
6.0: Angled bay

Splayed corner design

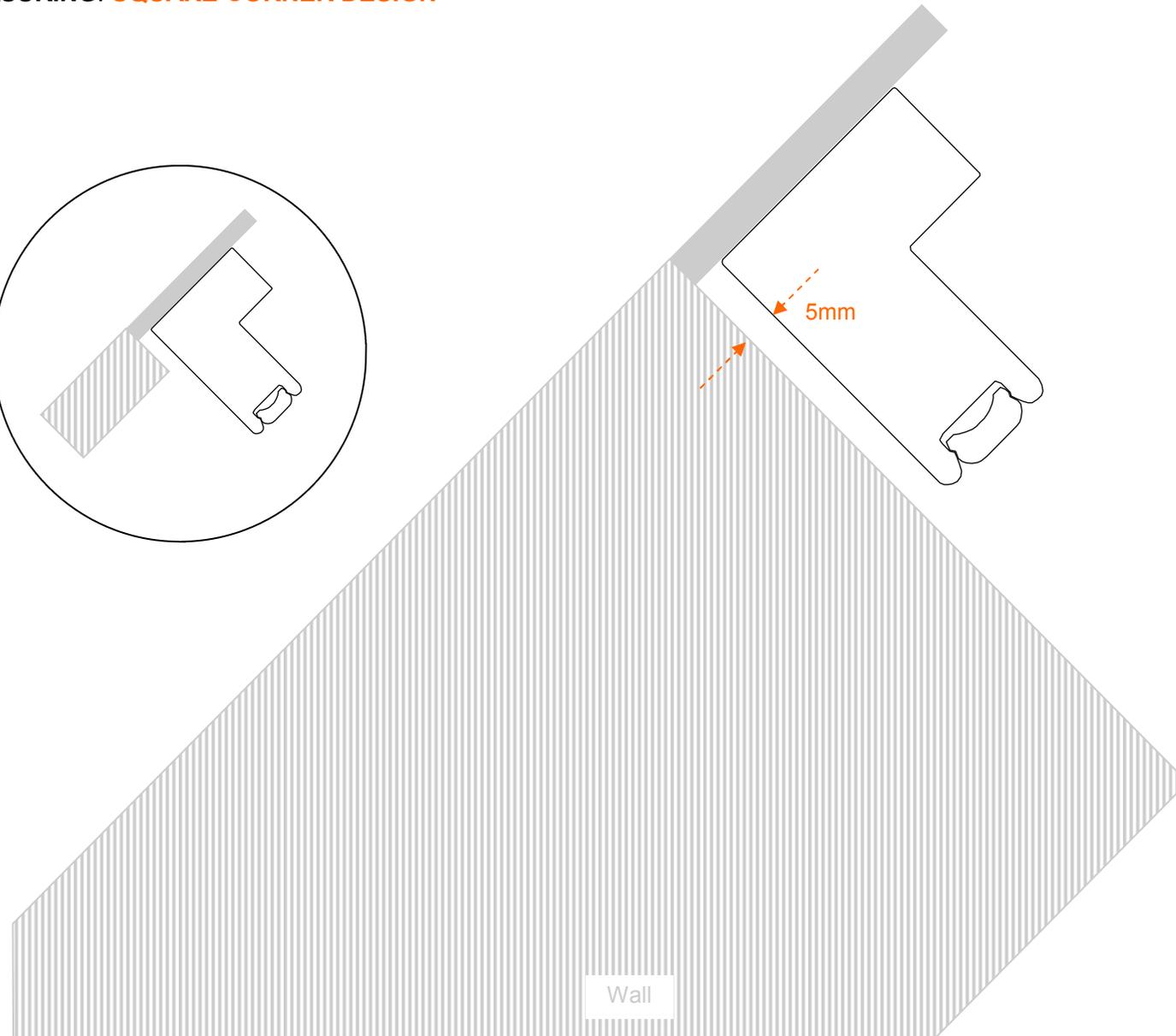
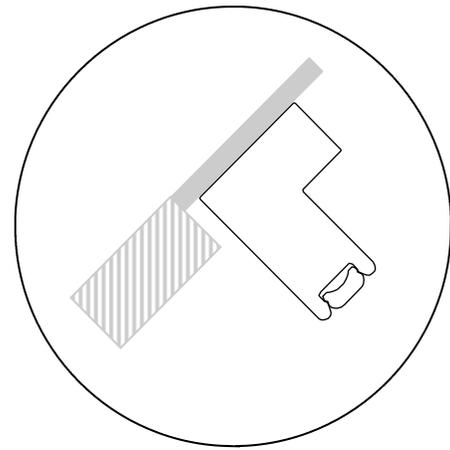
This example shows how the frame will finish at the sides of a splayed bay.

5mm clearance is still required to allow frame movement when fitting the shutters.

Generally, no side infill's are required.



MEASURING: SQUARE CORNER DESIGN



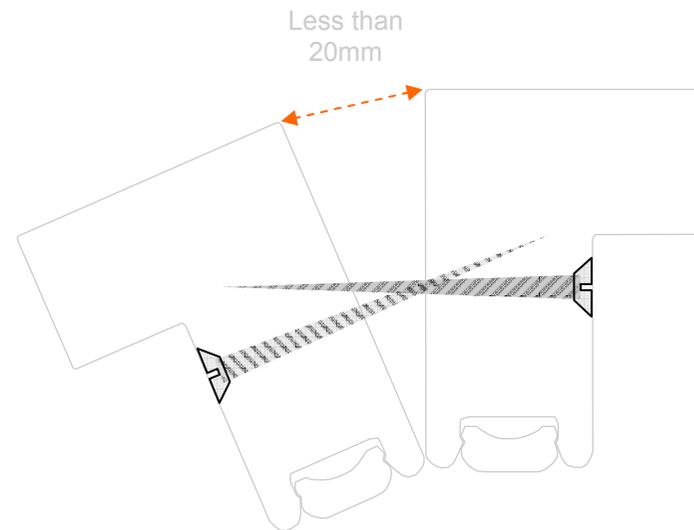
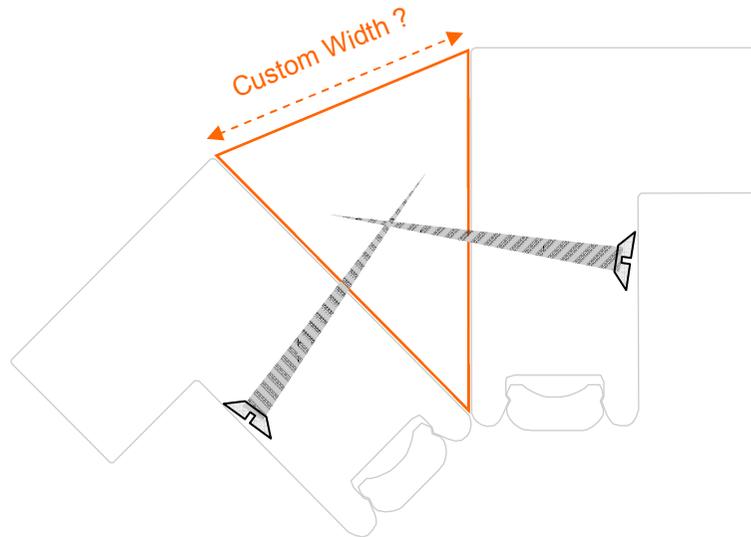
6.0: Angled bay

Square corner design

This example shows how the frame will finish at the side when you have a square return.

5mm clearance is required to allow frame movement when fitting the shutters.

MEASURING: TRIANGULAR INFILL SIZE



6.0: Angled bay

Triangular infill size

To order custom angled infill's measure the width of the triangular section between the back edge of the two L frames.

Enter this width in the custom batten section on the order form.

Fixing

These triangular battens are secured into place by screwing sideways through the shutter frames.

Too small

Widths smaller than 20mm will not require infill's. The shutter frames can be screwed directly together.

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.

