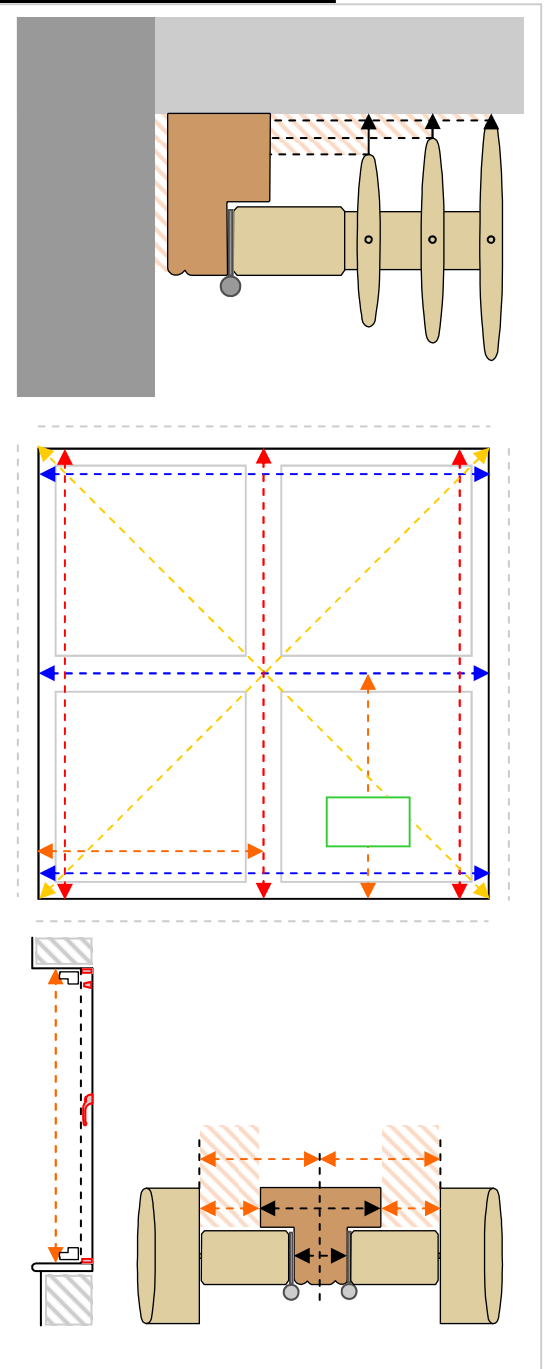


The Easyfit Shutter Kit

Your guide to
measuring
inside recess windows

1.0: Measuring Guide



1.0: Preparation

STEP 1: The Preparation

The preparation is an important part to ensuring your shutters fit neatly and Easily.

So take your time, know where the shutters are going to fit so you can measure in the right place.

1. All your measuring should be done at the **front edge** of where the shutter frame is going.

2. Look out for any **protruding objects** like trim, air vents, alarm points or handles.

3. Frames are **60mm deep**, none of the louvre blades protrude past the back edge of the shutter frame, so ensure the frame and louvres will miss any protrusions.

Measure 60mm in front of any protrusion, this will be where the front of the frame fits.

Straight Handles:

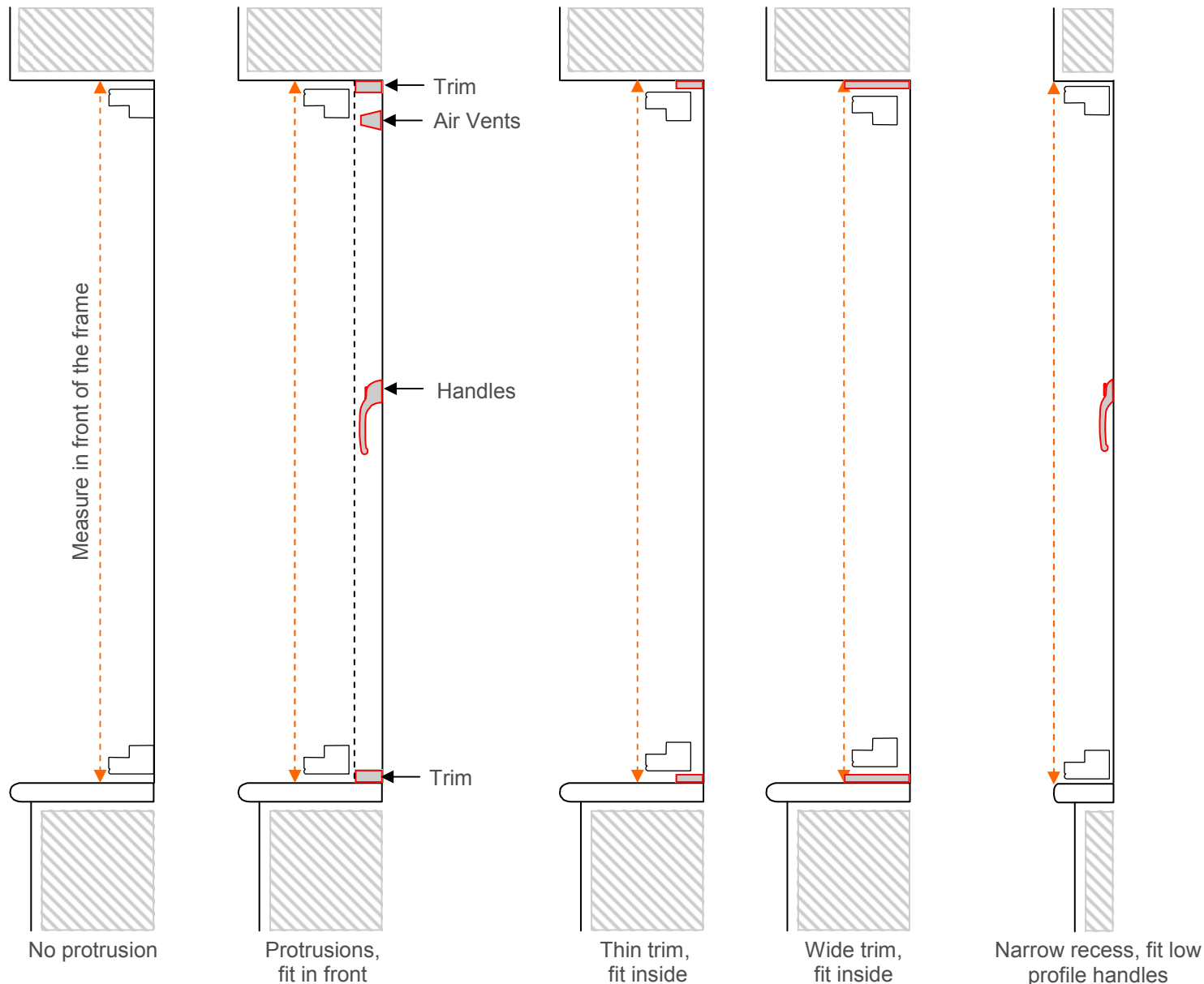
If you have straight handles and you are using Tposts, the handle will fit behind the side stile of the shutter. Use the Tpost template to check.

Other Protrusions:

Dado rails, tiles, skirting board, up stands, inward opening windows, sockets etc.

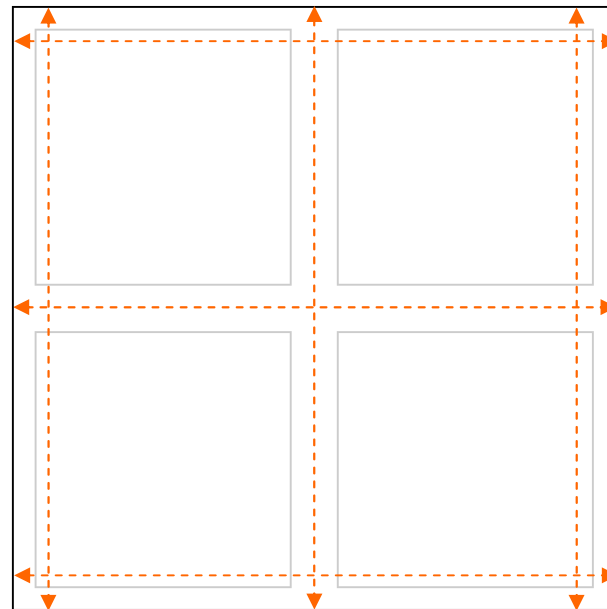
Find further advice in the Info Hub, found in the trade section or book on an advice call.

MEASURING: WHERE TO FIT THE FRAME



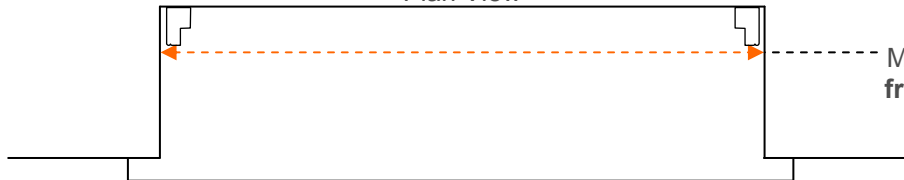
MEASURING: WIDTH & HEIGHT

Front View of a recessed window



Top of recess

Plan View



Measure the width and height in front of the 60mm deep L Frame

1.0: Measuring

STEP 2: Measure the width and height

1. Measure in millimetres, double check using cm or inches.
2. Use a laser measure if possible.
3. Stand back and check the window visually, can you see any bumps in the plaster, angled recesses etc.
4. Make a note of your sizes, you will need the smallest sizes.

Width

Measure in **3 places** across the width in **front** of where your L frame will fit.

Height

Measure the height in **3 places** in **front** of where your L frame will fit.

MEASURING: CHECK THE SQUARENESS

STEP 3: Measure the diagonal

Measure from corner to corner across the diagonal.

Make a note of each size.

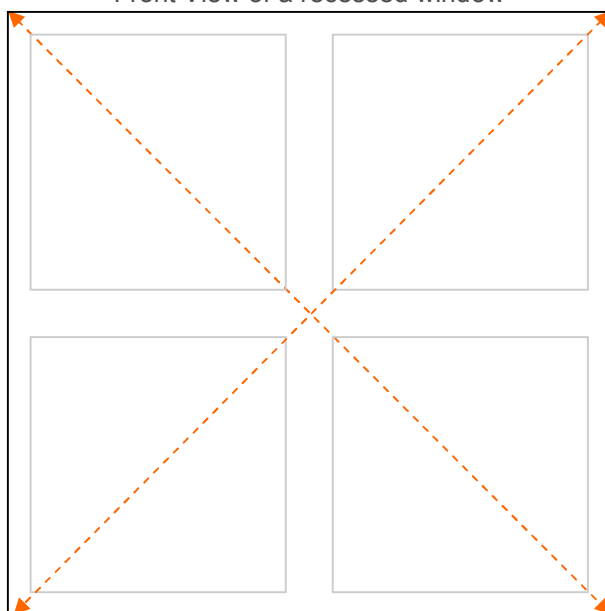
Ideally the sizes should be the same, the closer the two sizes are the squarer the window recess.

If one size is larger than the other, its because the window is out of level.

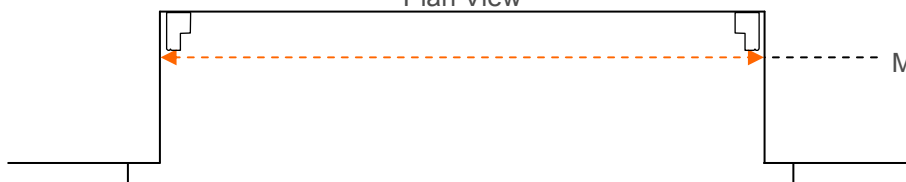
Measuring the diagonals will help you decide how much to deduct to create your order sizes.

This is best done with a laser measure.

Front View of a recessed window

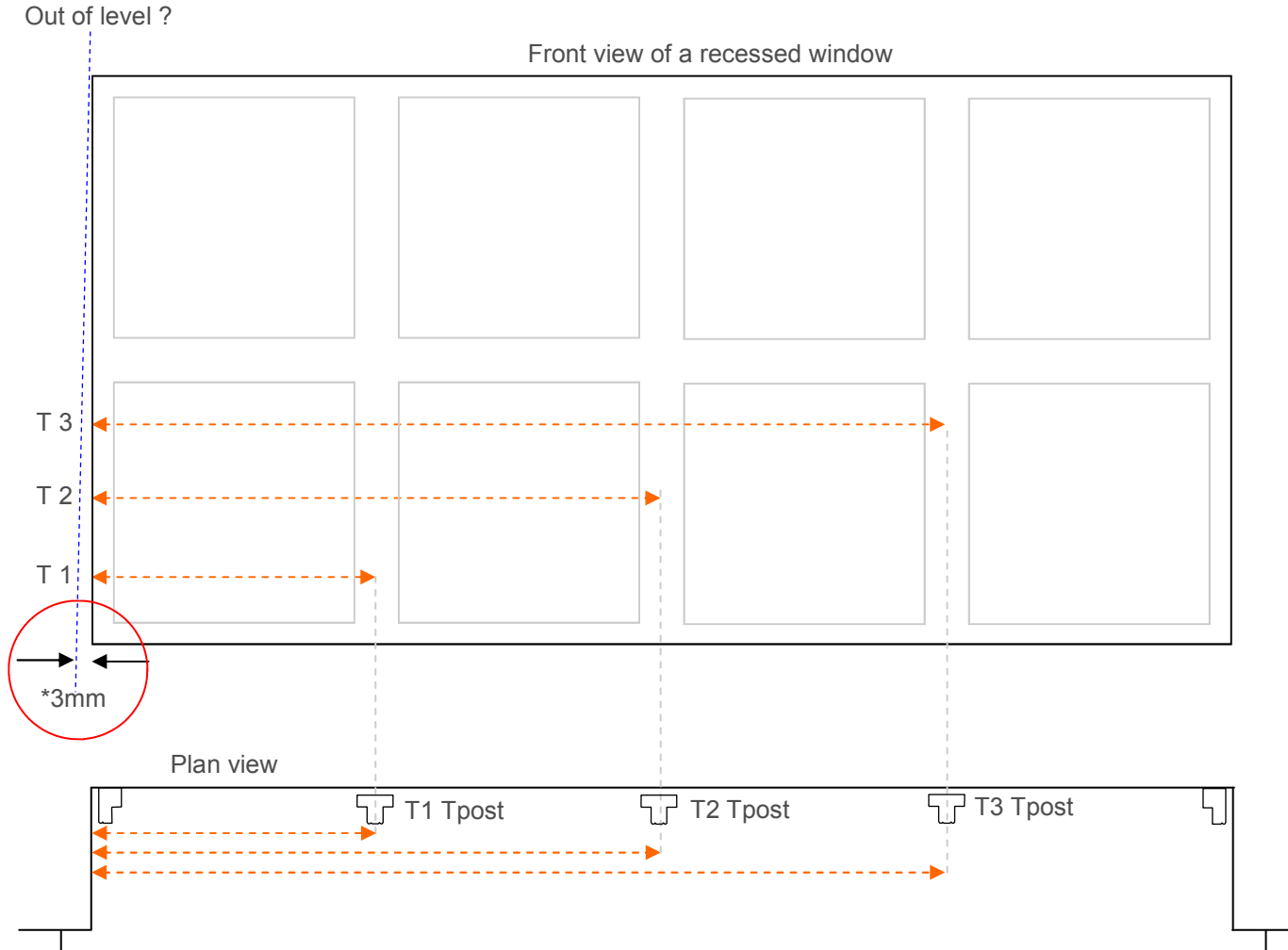


Plan View



Measure the diagonal in front of the 60mm deep L Frame

MEASURING: HOW TO MEASURE FOR T POSTS



All Tposts are measured from the left

1.0: Measuring

STEP 4: Measuring Tposts

Tposts form part of the shutter frame and are measured from the left side of your window.

Measuring

From the **left**, measure to the **centre** of the 1st vertical upright (Mullion) on the window this will be your 1st Tpost width (T1).

Continue measuring from the left to the centre of all the uprights for the remaining Tposts you require.

Left recess out of level?

Check the **left** recess is level, if it runs out of level at the bottom you will need to allow for this in your Tpost deduction.

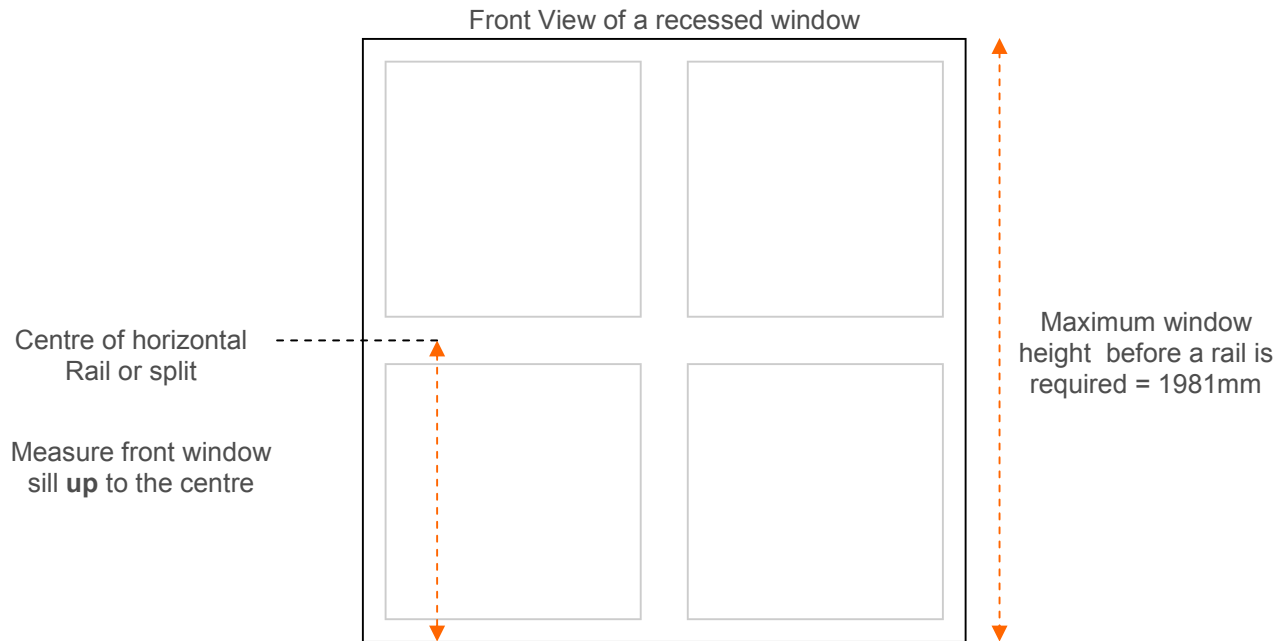
Example:

If the left wall runs out by *3mm, add this 3mm to your 6mm shadow gap. You will then deduct 9mm from all your Tpost sizes.

(See out of level line example)

Tpost details	Enter your sizes
T1 Width	
T2 Width	
T3 Width	

MEASURING: RAIL & SPLIT HEIGHTS



1.0: Measuring

STEP 5: Rail & Split heights

Hidden tilt split height

Measure from the sill to the **centre** of where you would like your split.

Heights over **1400mm** require a split as standard.

Horizontal rail

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

Heights over **1981mm** require a horizontal rail as standard.

Match:

Match any split heights and rails to features on your window.

If there are no rails on your window, do not order a rail on your shutters, unless the height is over 1981mm

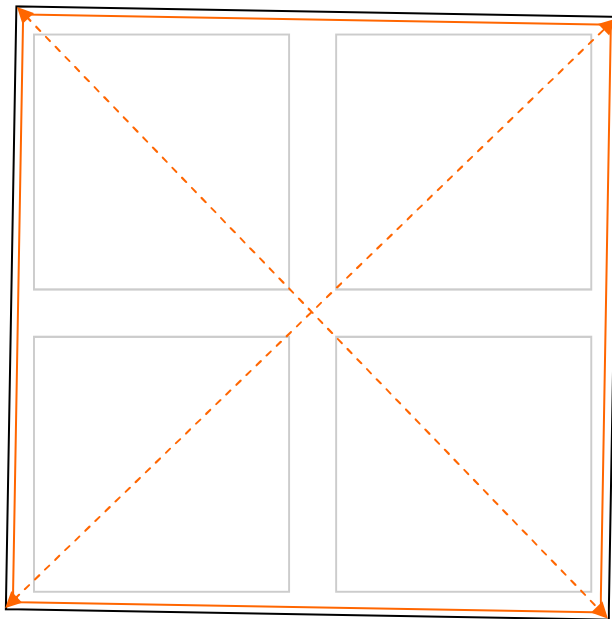
IMPORTANT:

Note, rail and split heights can vary in their final position as there is a limit to the number of louvres that can be fitted above and below this height and this is determined by order the height, louvre size, rail or split height

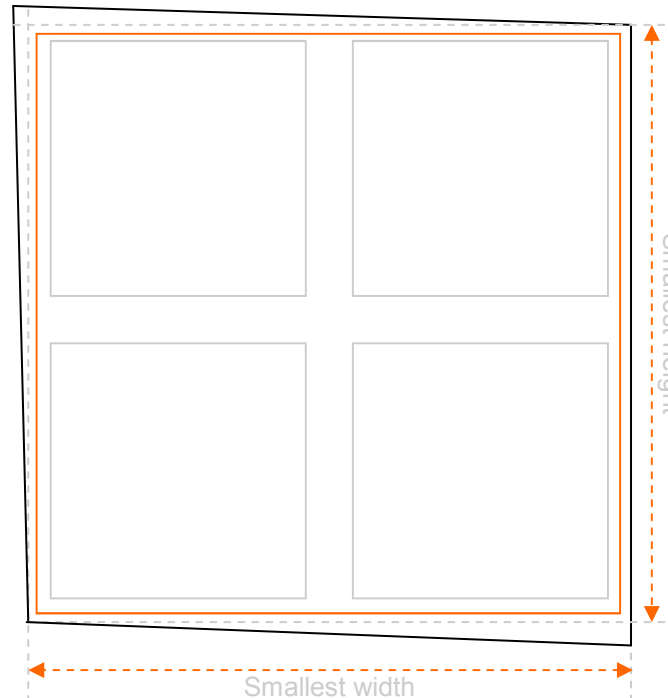
- 64mm can vary by 25mm
- 76mm can vary by 31mm
- 89mm can vary by 38mm

MEASURING: OUT OF LEVEL WINDOWS

Window A



Window B



Level line

- Shows the shutter frame position
- Shows the window recess

Shadow gap:

It is neater to leave a natural shadow gap than using filler. When the shutters, wall colouring and window sill are all different shades of white or colour, the filler (in another shade of white) can crack and look untidy depending the quality and how it is applied.

The shadow gap is the neatest natural alternative creating a professional finish, drawing your eye to the square shutter frame rather than the wonky window.

1.0: Measuring

STEP 6: Check the level

Use a spirit level and check each side of the window and make a note of how much the window is out.

Window A

Sometimes windows can be out of level but still square like in this example.

Window B

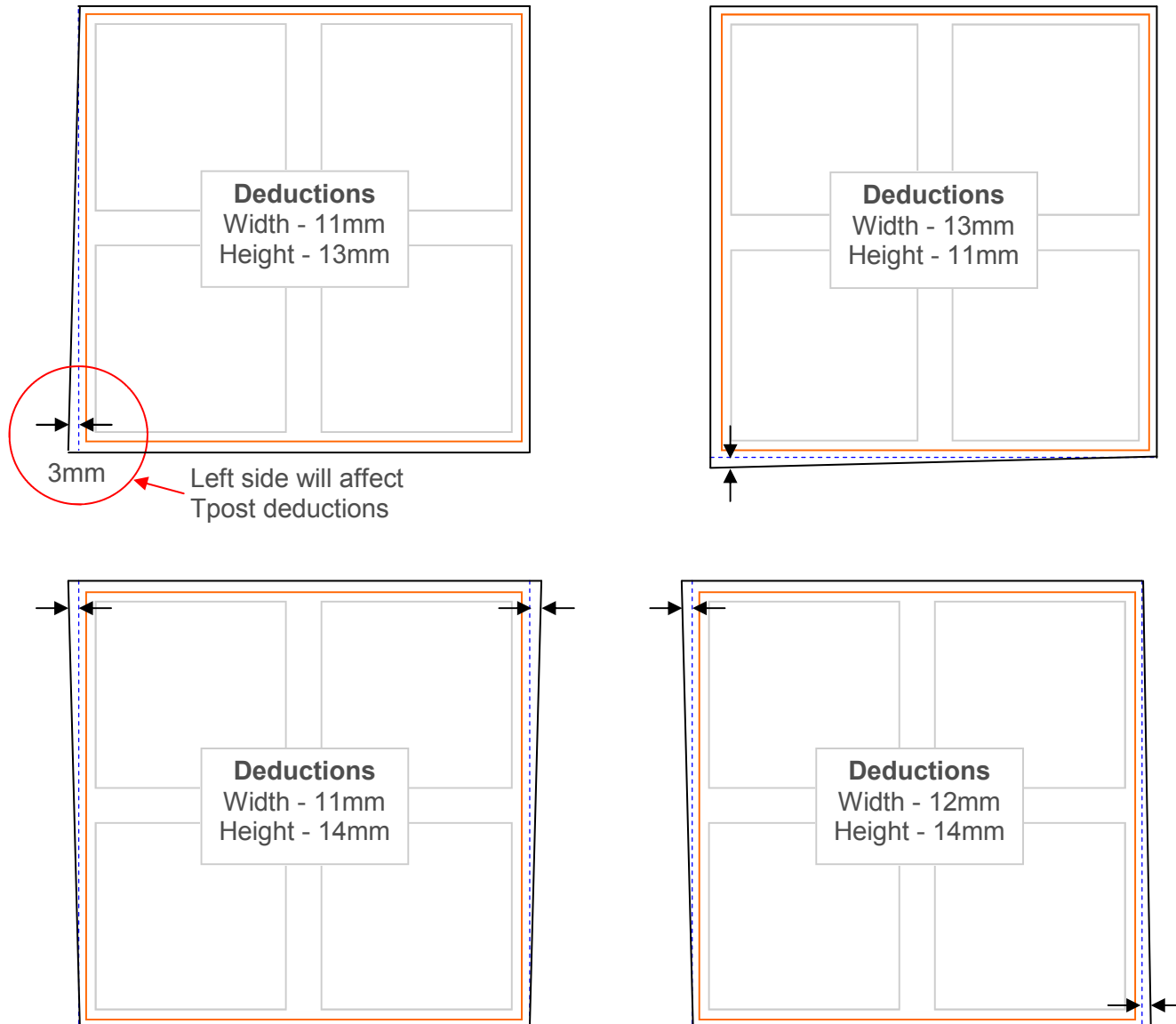
In this example you can see the top runs out of level to the left, the bottom drops to the right and the left side is wider at the top than on the right.

Although it should not happen, it is quite normal to find this when measuring.

The grey dotted lines indicate level lines, you will need to work out the smallest width and height from the levels you take.

This will affect the deductions you make.

MEASURING: DEDUCTIONS



1.0: Deductions

STEP 7: The deductions

You **must** deduct your fitting clearance to create the shadow gap, as standard this is 12mm (6mm all round).

For a standard square window +/- 5mm

- Deduct 12mm from the width & height
- Deduct 6mm from Tposts
- Deduct 6mm from rails/splits

For wide windows (1800mm - 2500mm)

- Deduct 14mm from the width & height

Balance the shadow gap

Using the examples on the left, if your window is out of level, you need to balance the shadow gap by deducting more or less from your sizes.

Draw the window shape and level lines on a sheet of paper to help you see where the extra deductions need to be.

Tpost deductions

If the left side of the window is out of level you will need to adjust how much you deduct from your Tpost sizes.

Example, if the wall runs out by 3mm, add this to the 6mm shadow gap and deduct 9mm from the Tposts.

- Shows the shutter frame position
- Shows the window recess
- - - Shows the level

1.0: Measuring

Survey form.

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

Choose the smallest sizes and make your deductions to create your order sizes below.

Make a note of your deductions to help you double check all the details.

MEASURING: SURVEY FORM

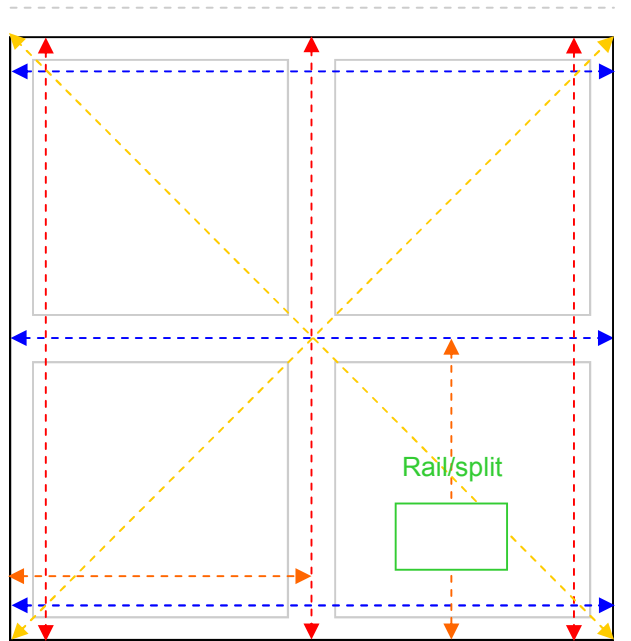
Height

Height

Height

Diagonal

Horizontal
& Vertical
Levels



Width

Width

Width

1st Tpost

2nd Tpost

3rd Tpost

→

Shutter details	
Room name	<input type="text"/>
Louvre size	<input type="text"/>
Folding	<input type="text"/>

Smallest sizes	Deductions	Order Size
Width	<input type="text"/>	<input type="text"/>
Height	<input type="text"/>	<input type="text"/>
Horizontal Rail	<input type="text"/>	<input type="text"/>
Split Height	<input type="text"/>	<input type="text"/>
1st Tpost	<input type="text"/>	<input type="text"/>
2nd Tpost	<input type="text"/>	<input type="text"/>
3rd Tpost	<input type="text"/>	<input type="text"/>

TECHNICAL: LOUVRE PROTRUSION

1.0: Technical

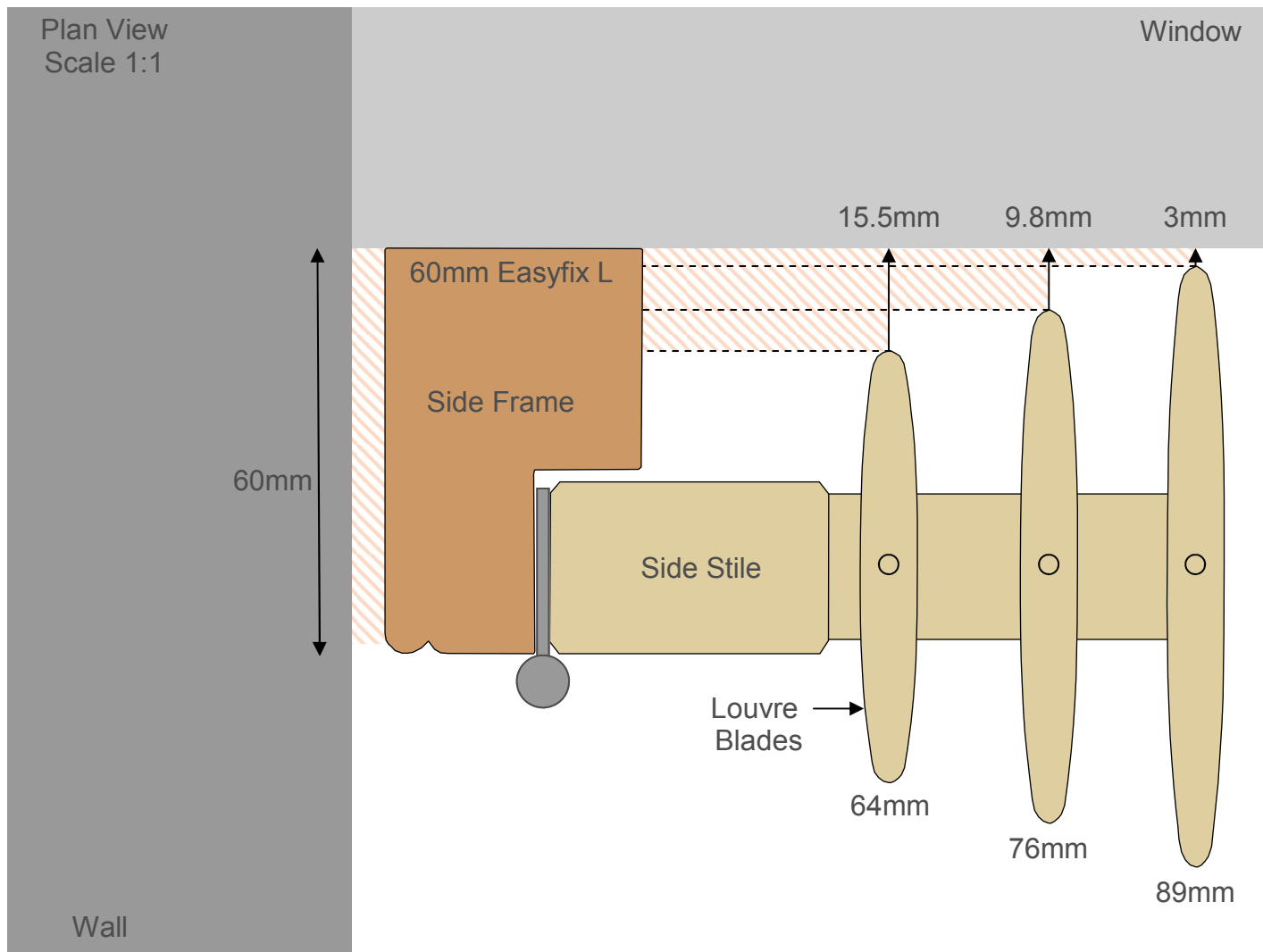
Louvre Protrusion

Use this technical drawing to ensure your chosen louvre blade does not hit any protruding objects

It shows a plan view (Looking down) of the easyfit L frame and the 3 louvre sizes protruding behind the shutter panel.

Example:

The popular 76mm louvre, has 9.8mm clearance from the back of the louvre blade to the back edge of the frame.



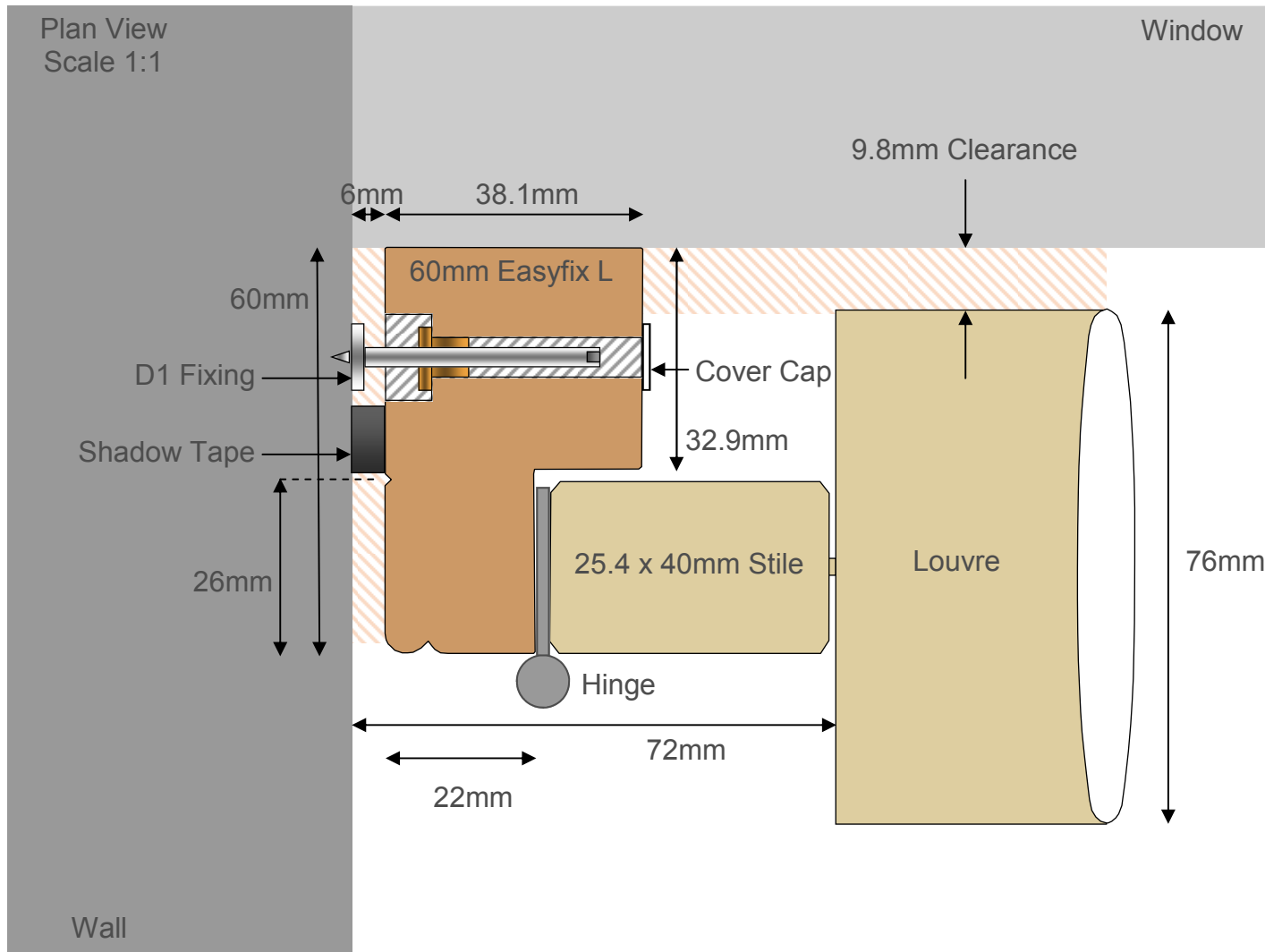
TECHNICAL: DRAWING

1.0: Technical

Technical Drawing

This technical drawing shows a plan view (looking down) of the easyfit L frame and the dimensions.

The frame is 60mm deep from front to back and with a 6mm shadow gap to the side, the louvre blades start 72mm from the recess.



1.0: Technical

Tpost dimensions

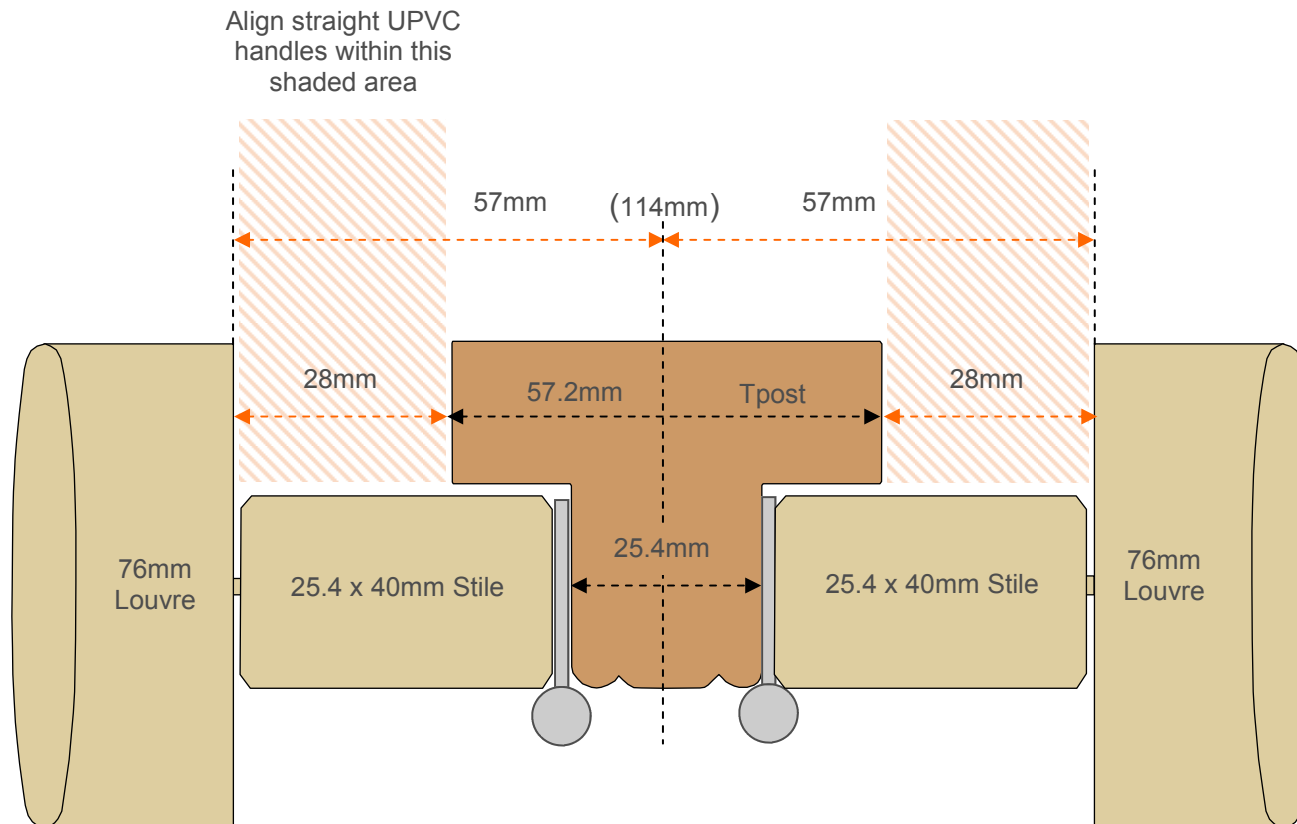
This technical drawing shows a plan view (looking down) of a Tpost with shutter panels fitted either side.

You can print out this template and check any straight UPVC window handles fit behind the side stile of the shutters.

You should find they do, and this means you can fit the shutter frame closer to your window without changing your handles to a low profile design.

TECHNICAL: TPOST DIMENSIONS

Scale 1:1



Plan view showing the clearance between louvre blades when shutters are fitted either side of a Tpost

TECHNICAL: FRAME ORDER SIZE

Frame size

When you enter your width and height sizes into the order form, they need to be the exact size of the shutter frame you require.

This drawing highlights the outside of the shutter frame.

Please ensure you have made your fitting deductions.

Important:

After your deductions, your **order sizes** are taken from this highlighted edge, the outer edge of the shutter frame.

