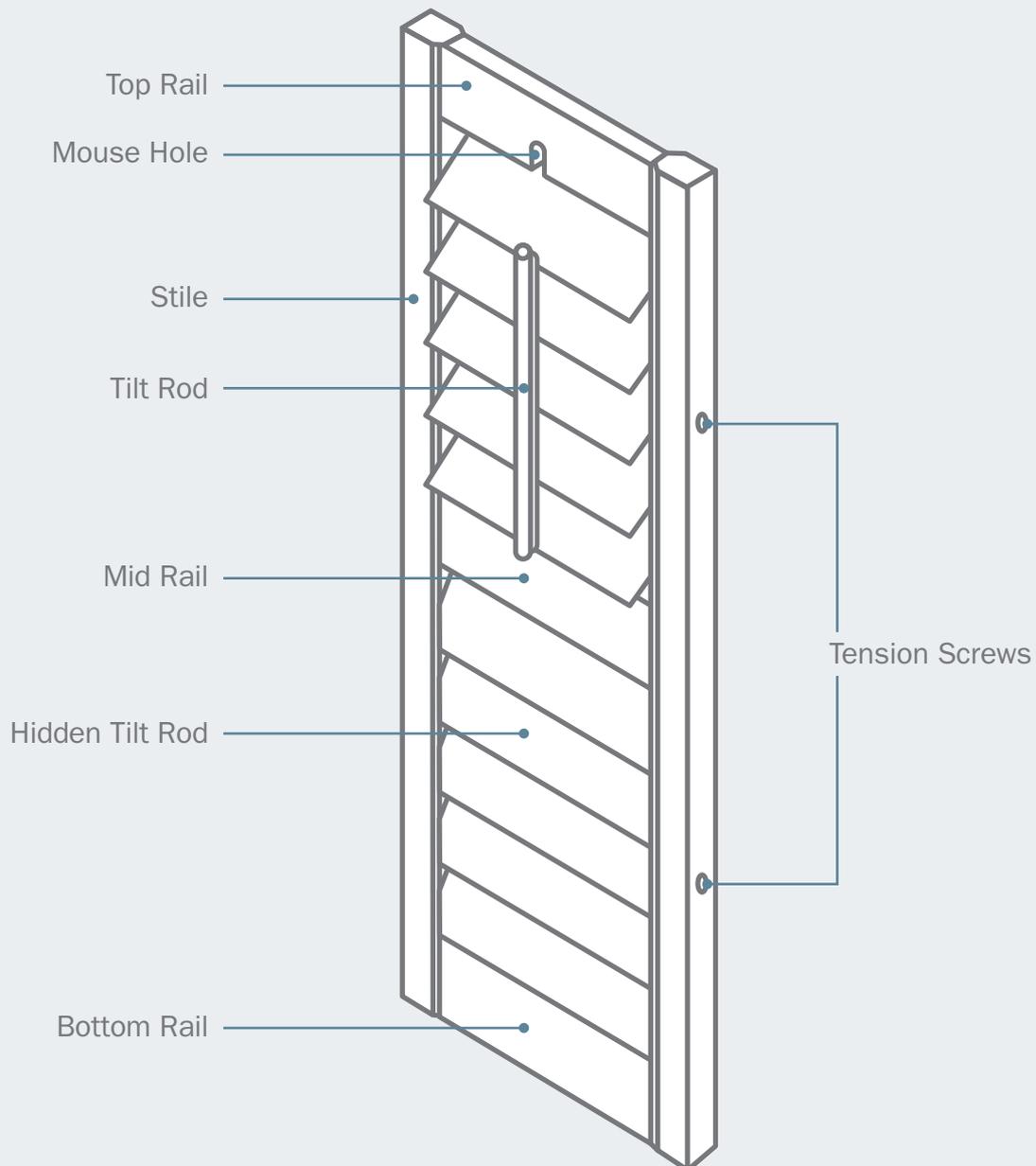


Shutter Information Guide

Spring 2018

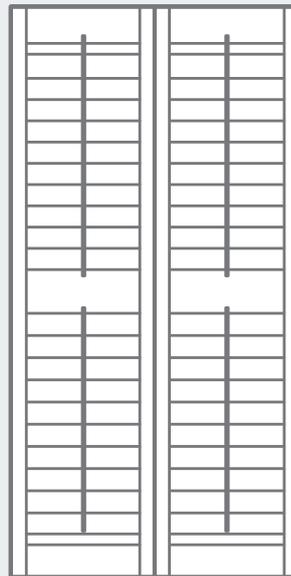


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Typical Shutter Panel

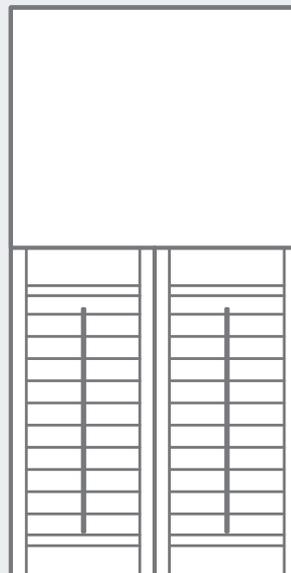
Full Height Shutters

These are the most popular option and can be supplied with or without mid or divider rails. The mid rails can be centralised or offset to match the horizontal window transoms and provide enhanced control over light and privacy.



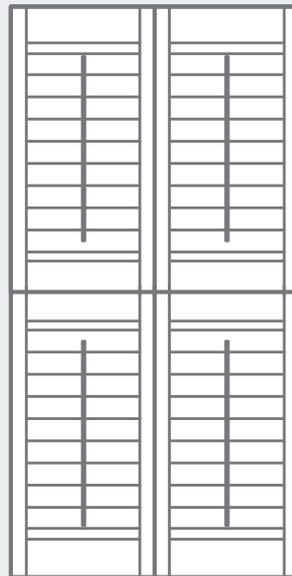
Café Style Shutters

These are fitted at a position between the top and bottom of the window. Often, this is to match the horizontal window transoms and allows natural light above the shutters and privacy below.



Tier on Tier Shutters

These consist of two sets of shutters fitted one above the other, using the same frame, and are usually split in line with the horizontal window transoms. Each set can be operated individually giving greater flexibility on light and privacy.



Lokara UPVC Waterproof Shutters

Lokara UPVC composite shutters have an aluminium core, making them extremely strong and durable. They have a smooth UPVC finish which, unlike painted wood, will not warp, flake or peel over time and makes them ideal for use in environments where hygiene is important. Being waterproof they are also suitable for installation in wetrooms and bathrooms, although they can be fitted in any room. They are also fully recyclable.

Ordering

Please send details of your shutter specifications on the spreadsheets provided.

Mid Rails

When ordering a shutter higher than 1800mm a midrail will be required. The midrail height is always measured from the bottom of the shutter up to the centre of the midrail.

When ordering, you will be asked to choose between the midrail height being 'critical' or 'non-critical'. The default setting is non-critical which means that the top and bottom rails of the panel will be even sizes. However, please be aware that the midrail position may be altered by up to 25.4mm in either direction.

If 'critical' is selected the centre of the midrail will be positioned at the requested height but the sizes of the top and bottom rails will most likely be different to each other. By selecting critical there is no guarantee which rail will be the largest and it is likely the shutter will have uneven top and bottom rails.

Please note that our UPVC range does not have the option for critical. All midrails will be treated as non-critical.

Top & Bottom Rail Size

For UPVC shutters the maximum height for top and bottom rails is 117mm; the minimum height is 76mm.

As the spacing of the louvres is fixed the top and bottom rail height will vary depending on the overall height of the shutter. Therefore, if you have multiple shutters in one room, it is important to keep the height the same for all shutters.

Control Method

Centre Tilt Rod - A traditional plantation tilt rod positioned in the centre of the louvre.

Offset Rod - A traditional plantation tilt rod offset 25mm from the edge of the louvres on the hinged side of the panel.

Hidden Tilt Rod - A discreet aluminium profile rod, positioned on the back of the panel along the side of the louvres on the hinged side of the panel. Please note that the rod will be painted the same colour as the shutters.

Dependent on the number of louvres, the hidden tilt rod may require a split – please see table opposite.

Louvre Size	Full Height Shutter (no midrail)	Full Height Shutter (with midrail)
63mm	Split if over 960mm	Split if over 900mm
89mm	Split if over 1190mm	Split if over 1130mm

Configuration (Layout Code)

When ordering shutters you will be asked for the Layout Code. This determines how your shutter is manufactured. For example, the code 'LLRR' would signify two panels folding together to the left, with two panels folding together to the right.

Please note that where panels meet, panels will always open right over left unless specifically ordered as left over right in the item notes. A maximum of two panels can be hinged together (multi-fold). This means that the maximum possible number of panels without T posts or a track will have a panel configuration of LLRR.

Layout Code	Description
L	Hinged left
R	Hinged right
T	T post
B	Bay post
C	Corner post

Maximum & Minimum Shutter Sizes

The maximum height of a shutter with a 50.8mm stile is 3000mm (above 1800mm) must have a midrail. More than 2500mm must have two midrails. The maximum height for a shutter with a 38.1mm stile is 1500mm. Minimum and maximum panel widths are shown in the table opposite.

Please note UPVC shutters are only available in single and bi-folding panels.

Dimension

50.8mm Stile

Dimension	50.8mm Stile
Minimum Height	300mm
Minimum Width	190mm
Maximum Width of Single Panel (L or R)	850mm
Maximum Width of Bi-Fold Panel (LL or RR)	650mm

Tolerances

With made-to-measure products there are tolerances within the specification. If your shutters exceed this please contact us and we will rectify this for you.

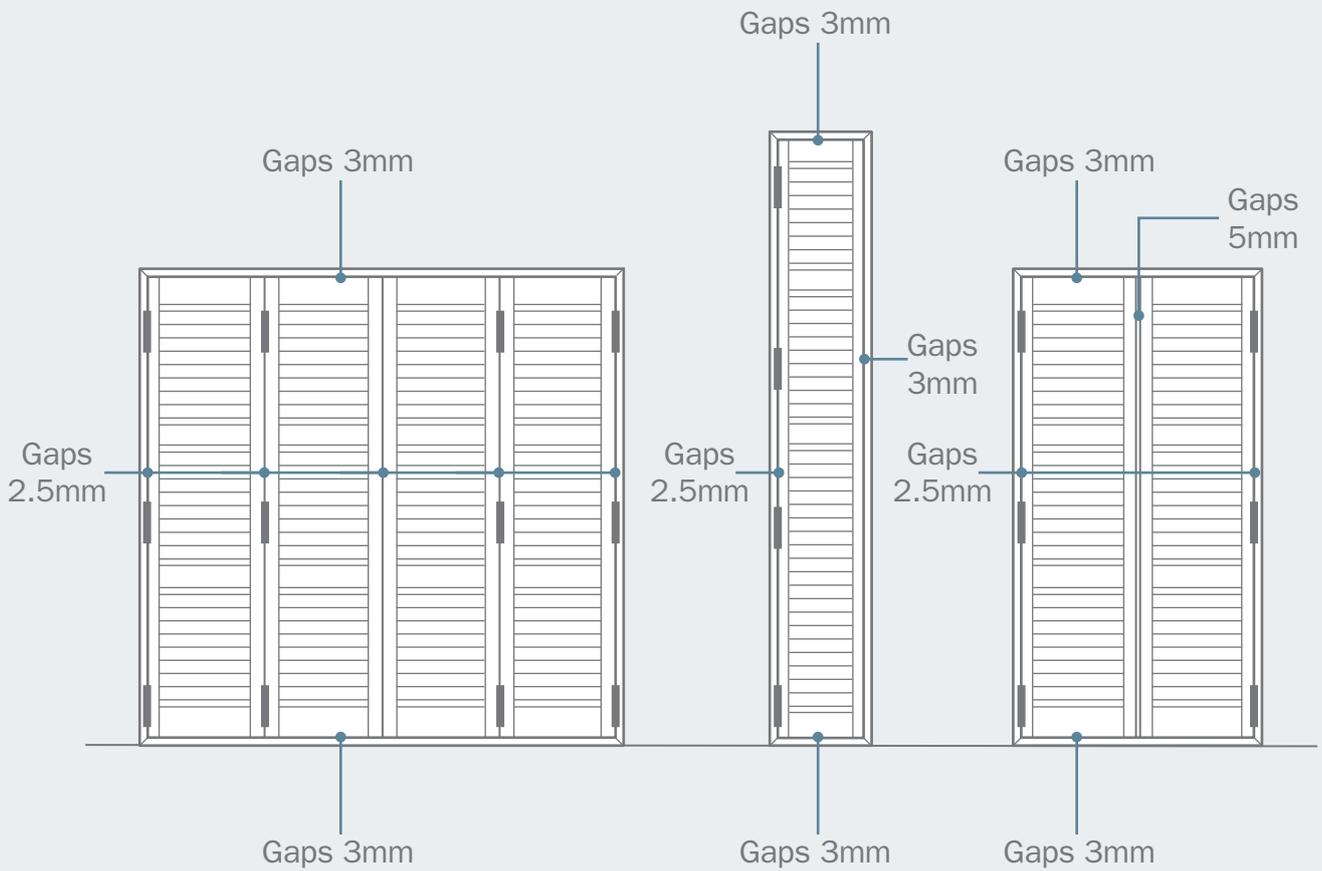
Width - The width of the panels can be plus or minus 1mm per panel.

Height - The height of the panels can be plus or minus 1.5mm from order height.

Mid-rail location - Standard mid-rail width is 76.2mm. If the mid-rail position is not 'critical' it may vary in width 25.4mm. UPVC shutters always have a 'non-critical' mid-rail.

T posts - May vary up to 1mm. This is dependent on the panel widths as detailed above.

Gap Tolerances



Deliveries

Our standard lead time is 10 to 15 days from date of order.

Frame Sides

By default, a 4-sided frame will be suggested for all shutters. If a Z-frame is selected, you will have the option of a sill to the bottom. A sill is a Z-frame with the lip cut off to form an L-frame.

Colours - Sides

In the Lokara UPVC range, only the Crystal White is available.

Warranty

We provide a 10-year warranty across all shutters. This is protected against the specification included within this document.

Cancellations

Once your order has been marked as 'In Manufacture' no cancellations will be accepted.

Rework Requests

We benchmark faults at a visible distance with the naked eye of 1.2 metres.

Shutters are a handmade product, therefore you should expect natural characteristics of a handmade process.

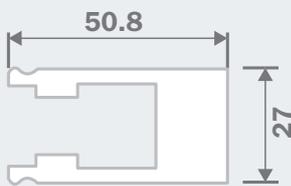
You will need to submit photographic evidence of any marks/damage. It is important to take photographs as the shutter is taken out of its packaging and not afterwards so we can confirm that the damage has not been caused during installation.

If an element of the shutters is the wrong size make sure you take photos with a tape measure alongside, showing the problem clearly.

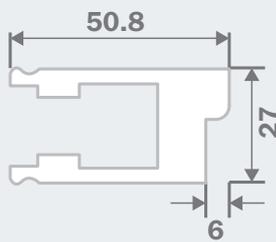
All damage reports can be sent to us by email:

orders@britishshutters.co.uk

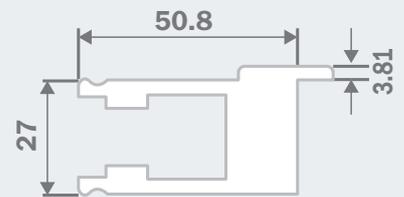
Please ensure you include your Order Number as the subject line. Please also advise us of the Item Number, Panel Number (left to right looking at the shutter) and any other details of which part is affected. If photographs are not submitted the cost will be your own.

PVC 50.8mm Stiles

**Butt Beaded
Square Stile PVC**
(Code SA)

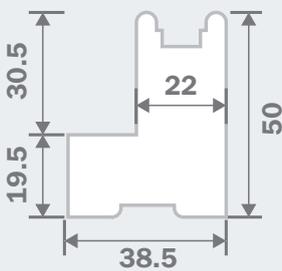


**Rebated Beaded
Stile PVC**
(Code SB)

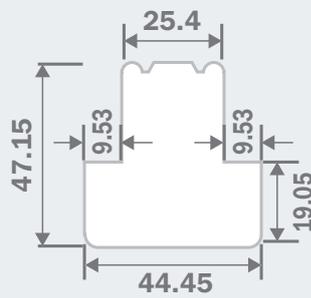


**Astragal Beaded
Stile PVC**
(Code SC)

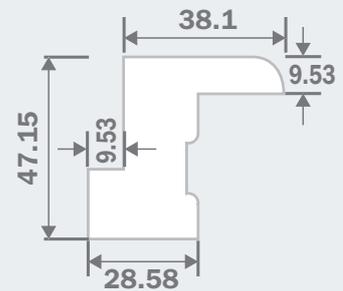
We offer a range of recess, flush and face-mounted frame options.



F50A PVC
including side insert



T Post
50mm



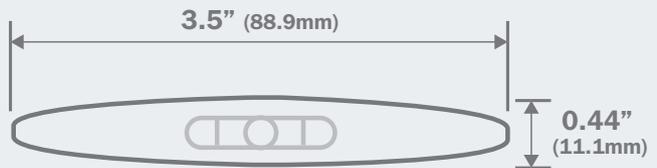
Z40 PVC



2½" Reinforced Louvre
(Code 2.5AL)



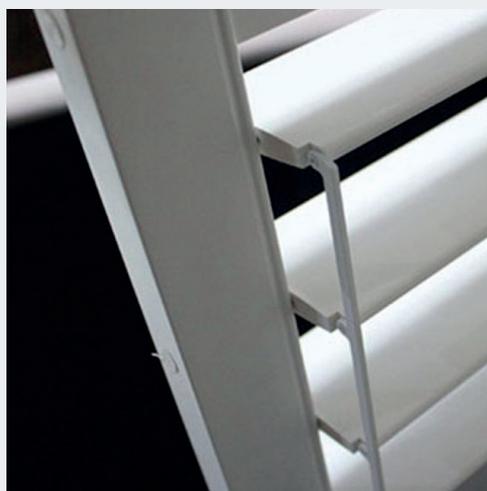
3½" Reinforced Louvre
(Code 3.5AL)



The images below show different tilt rod styles dependent on material.



Centre Tilt Rod - PVC



Hidden Tilt Rod



British Shutters
Units A4 & A5
BizSpace Business Centre
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Bradford
BD4 9SW

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Email: **sales@britishshutters.co.uk**
www.britishshutters.co.uk