

PLANTATION SHUTTERS



PRODUCT MANUAL

PRODUCT MANUAL

 Basswood
Premium

 Thermo
25

 Thermo
Select

 Paulownia

CW_V1_2024

More information please contact
(02) 9624 0700 or visit www.cwsystems.com.au



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NEW WEB PLATFORM WITH ONLINE ORDERING SYSTEM



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Plantation Screens

ENHANCING ALFRESCO LIVING

- Only requires 32mm reveal depth for easy fit.
- Double screen is available up to 9m wide
- Australia Made and corrosion resistant

Bay View

Choose Product Type

Specialty Shapes

ONLINE ORDERING SYSTEM

www.cwsystems.com.au

PRODUCT MATERIAL COMBINATIONS

Thermopoly™

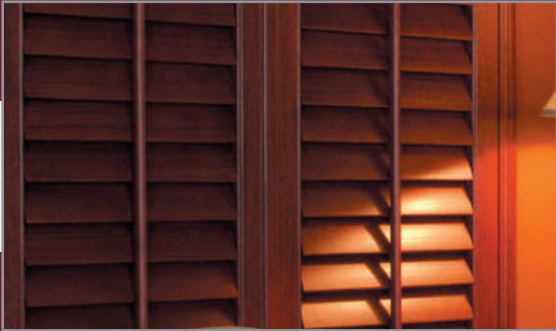
Thermo 25



Thermo Select

Timber

Basswood Premium



Paulownia

PANEL SPECIFICATIONS

		Timber		Thermopoly™	
		 Basswood Premium	 Paulownia	 Thermo Select+25	
		Basswood	Paulownia	Polyresin with Aluminium core	
Max Width	 Hinged panel - standard	950mm	950mm	900mm	
	 Hinged panel w/ 90mm stile	1050mm	N/A	N/A	
	 Bifold panel (with track)	650mm	600mm	600mm	
	 Double hinged panel	550mm	550mm	450mm	
	 Sliding/Fixed panel	1050mm	1050mm	900mm	
	 Sliding/fixed w/ Centre Stile	1250mm	1250mm	N/A	
Max Height	 Panel Height	3000mm	3000mm	2400mm	
	 Mid-rail required	1800mm	1800mm	1500mm	
	 2nd Mid Rail required	2400mm	2400mm	2400mm	
	 Clearview Tilt rod length	1200mm	1200mm	1200mm	
	 Internal Tilt length	1100mm	1100mm	1100mm	
Min	 Shortest panel (please check with us for Blade qty)	260mm	260mm	260mm	
	 Narrowest panel	200mm	200mm	200mm	
Frame Material		 Basswood Premium	 Paulownia	 Thermo 25	
Basswood Frame Paulownia Frames not available		 STANDARD	 SURCHARGE \$	 SURCHARGE \$	N/A
Thermopoly™ Refer to Thermo25 & Thermo Select frames options		 STANDARD	 STANDARD	 STANDARD	LIMITED OPT

“Mid rails are recommended on all Thermo25 panels higher than 1600mm, the absence of mid rails may cause issues with closure particularly on wide double hinged panels. (LL or RR). Please also be advised that sagging on panels over 1600mm in height with no mid rail is not covered by warranty as this is outside of the specified product guidelines and intended product use. “

COLOUR RANGES

Timber

 Basswood Premium

 Paulownia

STANDARD PAINT & STAINED / BRUSH FINISH

Standard Paint

 Basswood Premium

 Paulownia

 Standard Painted

 Stained / Brushed Finish

 White 301

 Silk White 303

 Swiss 307

 Vanilla 309

 Pearl 331

 Shell 332

 Antique 336

 Beige 339

 Pebble 340

 Mist 360

 French Grey 361

 Stone 362

 Steel 366

 Black 390

 Custom Colour

Stained Finished

 Basswood Premium

 Standard Painted

 Stained / Brushed Finish

 Oak 405

 Rose 416

 Maple 456

 Coffee Bean 458

 Black Walnut 460

 Ash 453

 Mohogany 420

 Desert 452

 Nature 400

 Custom Stain

Brushed Finished

 Paulownia

 Standard Painted

 Stained / Brushed Finish

 White BP01

 Natural BP02

 Winter BP03

 Mist BP04

 Clay BP05

 Oak BP06

 Mohogany BP07

 Coffee Bean BP08

 Black BP09

Thermopoly™

 Thermo 25

STANDARD PAINT

 Thermo Select

STANDARD PAINT

 Standard Painted

 White 301

 Silk White 303

 Swiss 307

 Vanilla 309

 Pearl 331

 Shell 332

 Antique 336

 Beige 339

 Pebble 340

 Mist 360

 French Grey 361

 Stone 362

 Custom Colour

 Standard Painted

 Snow 01

 Natural 02

 Shell 03

 Vanilla 04

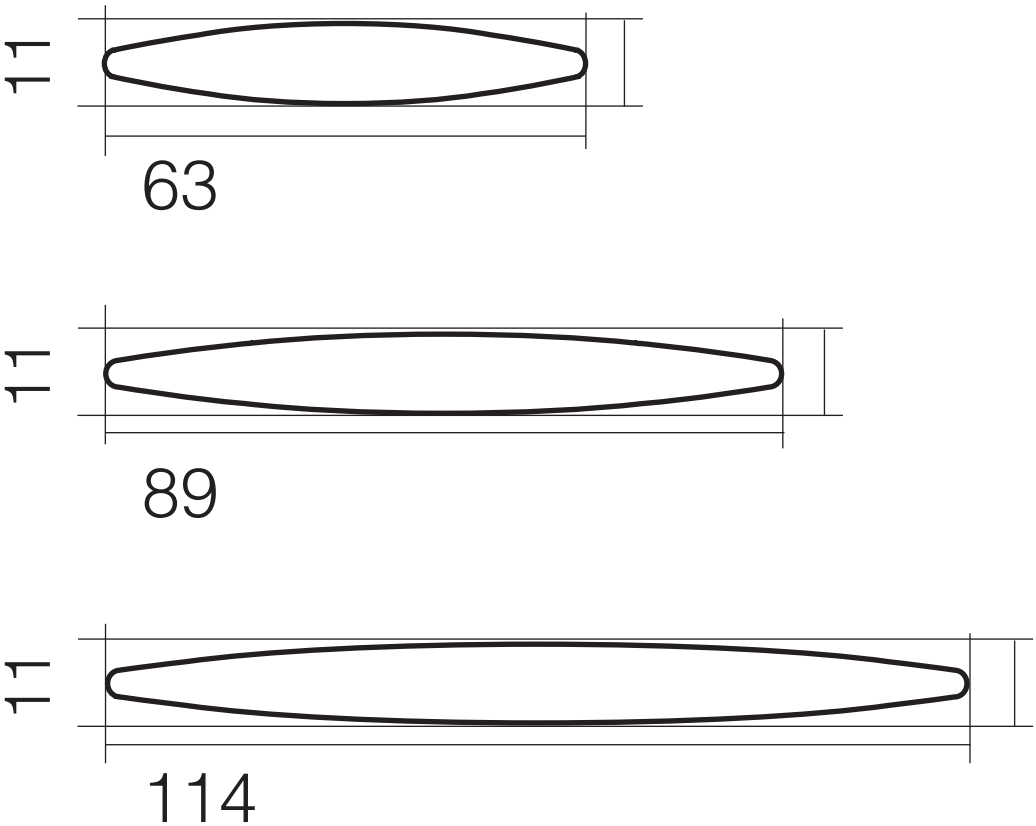
 Ice 05





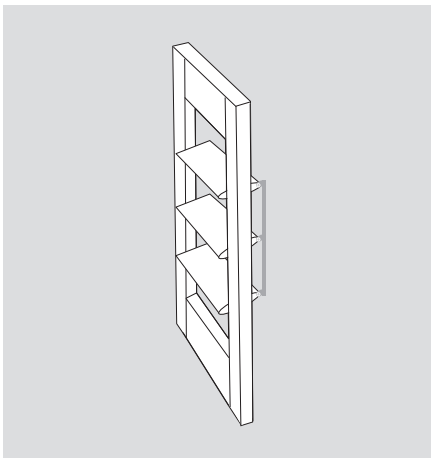
BLADE SHAPE AND SIZES OPTIONS

SCALE 1:1 WHEN PRINTED AT 100%



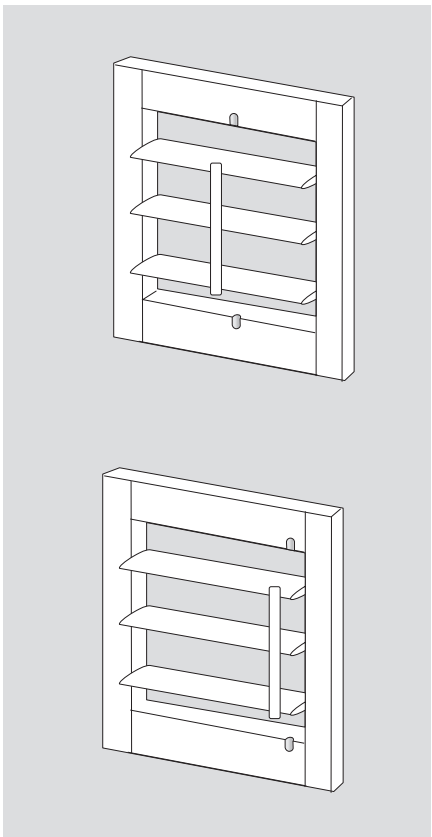
Timber		Thermopoly™
11mm Elliptical Blade	11mm Elliptical Blade	11mm Elliptical Blade
Note: A surcharge applies for 15mm thick blades, please refer to pricelist.		All Blades are reinforced with Aluminium Inserts

TILT ROD OPTIONS



Clearview

Clearview tilt is a discreet aluminium rod that connects the louvers. Clearview tilt allows for the most adjustment in the closure of the louvers and is the easiest to service. The tiltrod is on the hinge side (unless requested otherwise). Any panel span over 1200mm in height will be split automatically (unless requested otherwise). The max possible span is 1500mm.

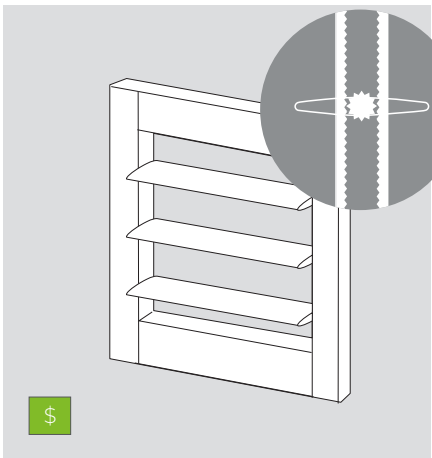


Centre tilt

Centre tilt is connected to louvers by stainless steel staples on the front of the panel. Centre tilt can span the max the panel can without a mid rail. The Tilt rod is generally in the centre of each panels.

Offset Tilt

Offset Tilt operates the same as Centre tilt only the tiltrod is installed 50mm in from the edge of the blade on the hinge side (unless requested otherwise).



Internal Tilt

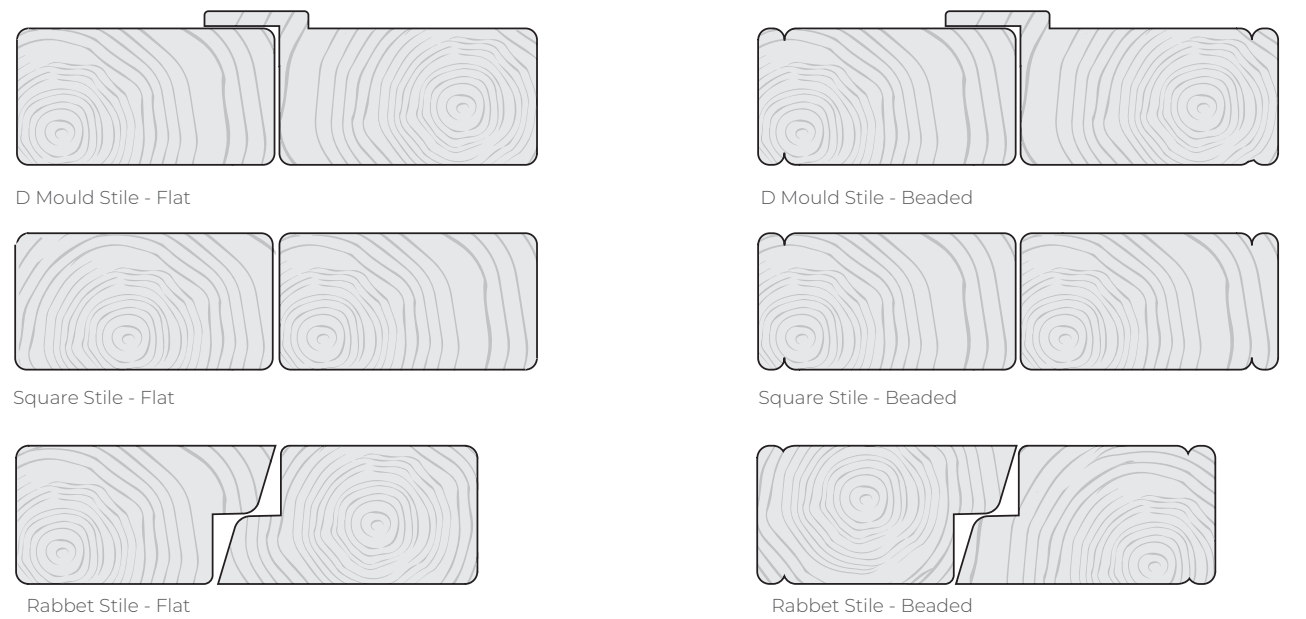
Internal Tilt has no visible tilt rod. The mechanism is inside the stile. It uses a rack & pinon system to connect the blades. Internal tilt max span is 12 louvres. Anything over that is not recommend and not covered by warranty. Internal tilt is a good option for room dividers where the panels are viewed from both sides.

STILE OPTIONS

Timber

Basswood
Premium

Paulownia



STILE SIZES

	Flat Stile	51mm 60mm 90mm
	Beaded Stile	51mm
	Flat Stile	51mm
	Beaded Stile	51mm
	Flat Stile	51mm
	Beaded Stile	51mm
	Flat Stile	51mm
	Beaded Stile	51mm

Hint: Right open first...

When 2 panels are meeting together the default, for both D-mould and Rabbet stile, is to have the Right panel open first.

Enter Layout Code

Layout Code:

1st T:

By default right panel will open first on LR pairings, check boxes below to change to left panel opening first.

1st LR: ☐ 2nd LR: ☐

Notes:

Not confirmed ☐

Solution....

If want the left panel to open first tick the box that appears when you type LR in the layout code.

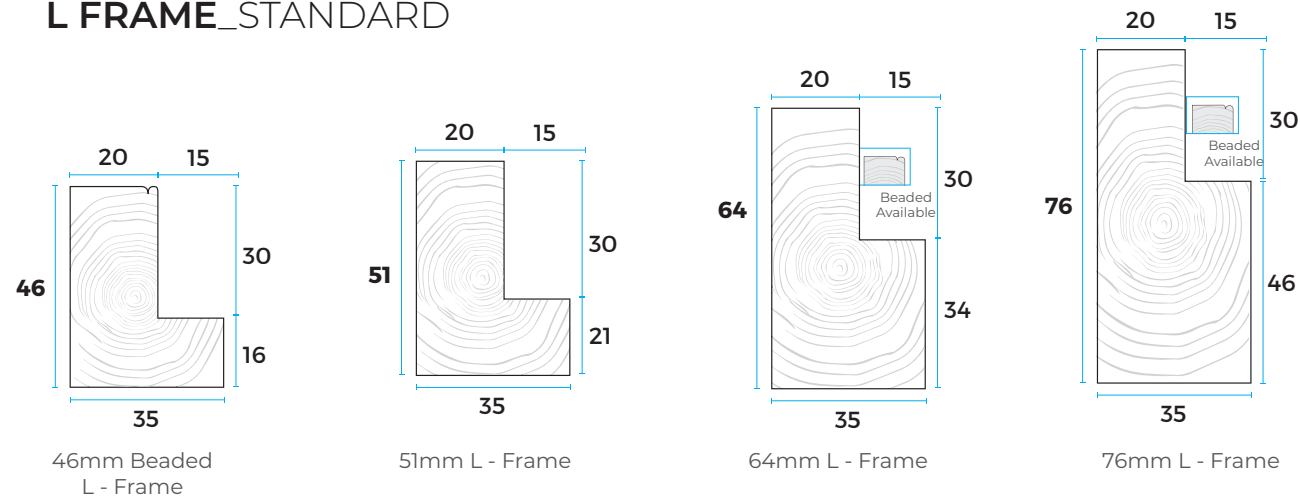
1st LR: ☒

2nd LR: ☒

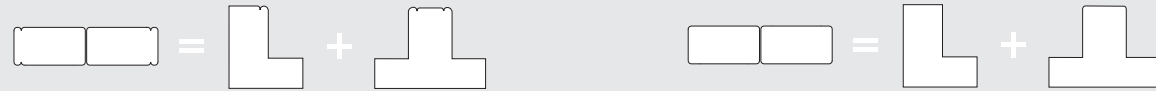
Timber

Basswood
Premium

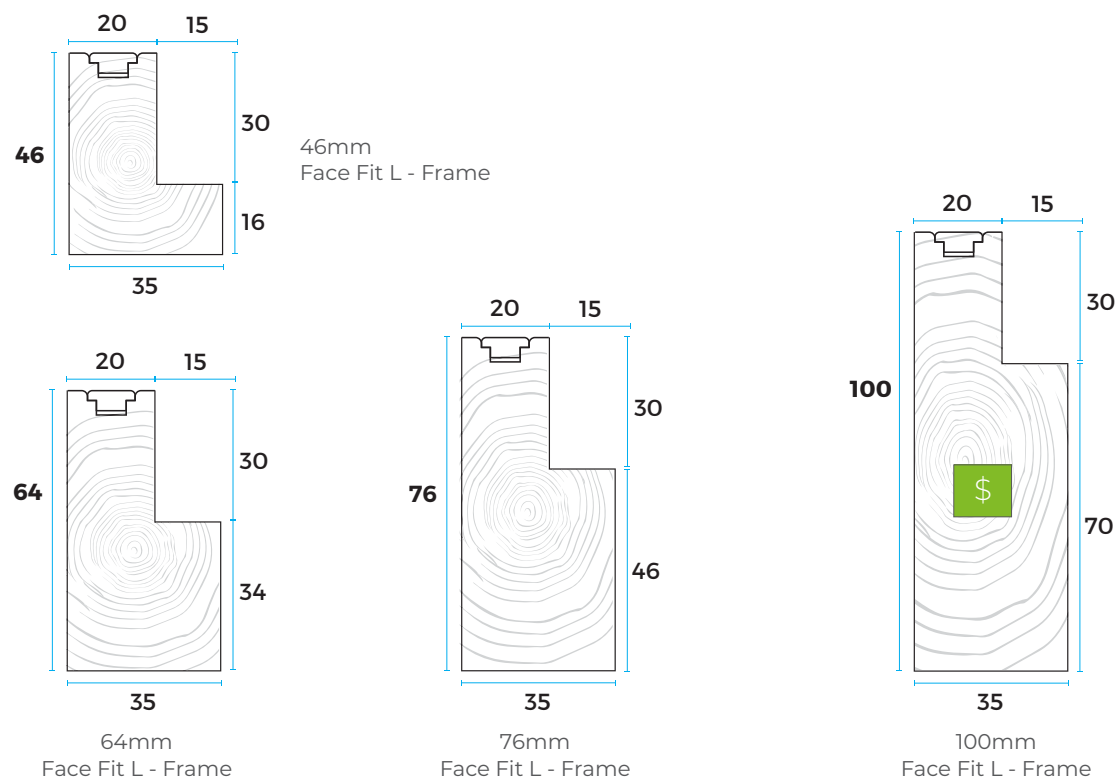
L FRAME_STANDARD



Selecting beaded stile option will automatically select beaded framing



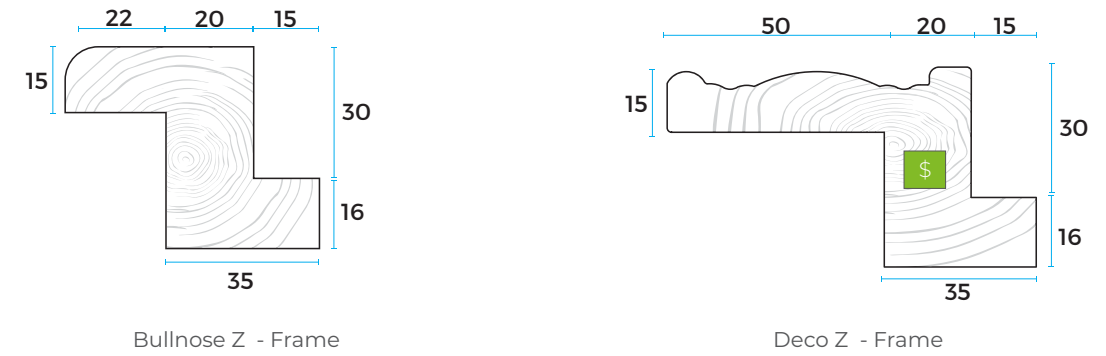
L FRAME_FACE FIT



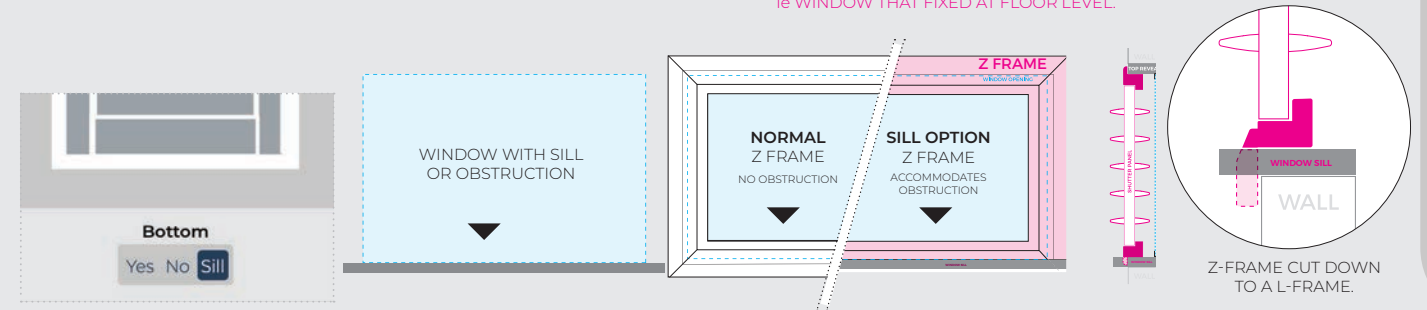
Timber

Basswood
Premium

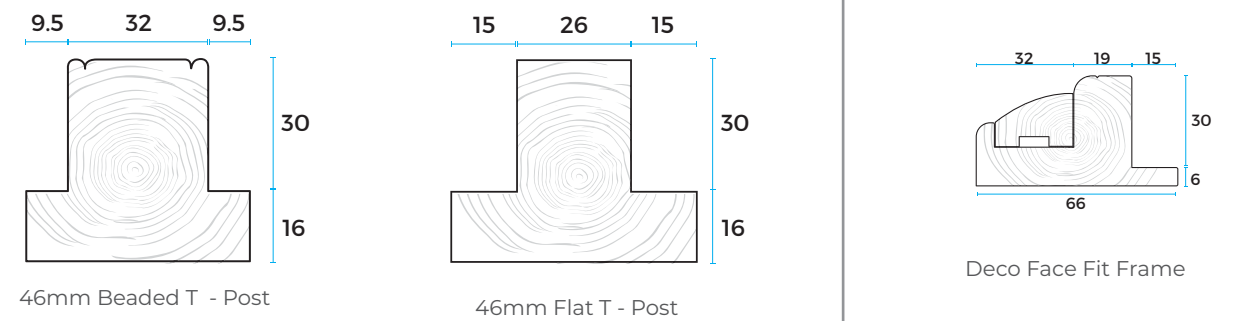
Z FRAME



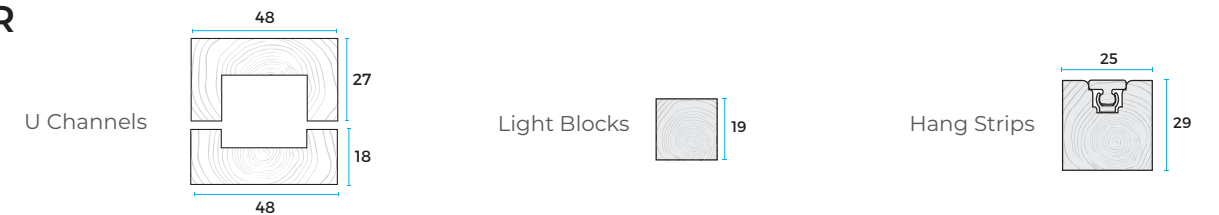
Z FRAME_SILL PLATE OPTION

THIS OPTION GIVES YOU FLEXIBILITY TO ADD A Z FRAME WHEN THERE IS UNEVEN SPACE AROUND THE WINDOW.
ie WINDOW THAT FIXED AT FLOOR LEVEL.

POST



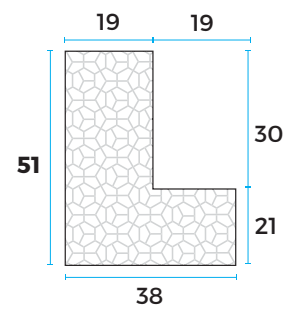
OTHER



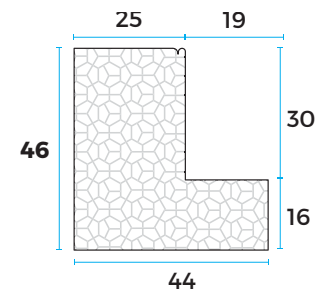
Thermopoly™

Thermo
SelectThermo
25

L FRAME STANDARD

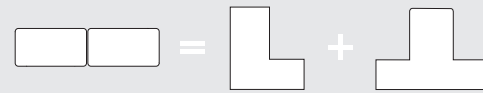
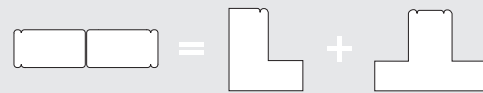


51mm Flat L - Frame

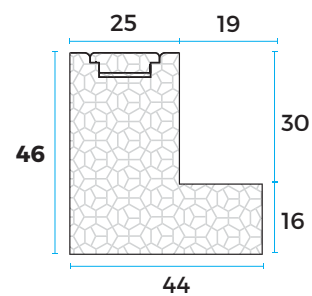
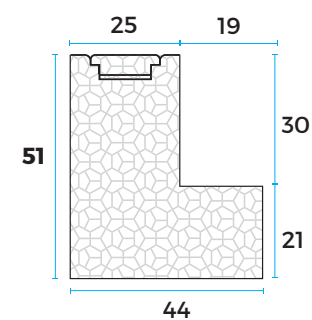
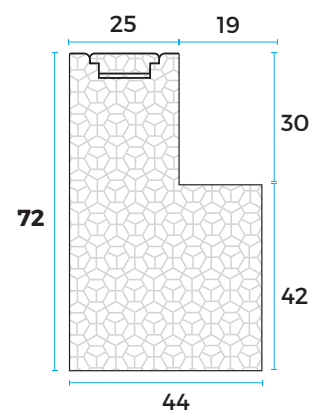
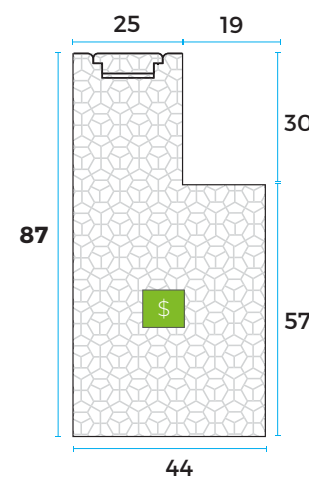
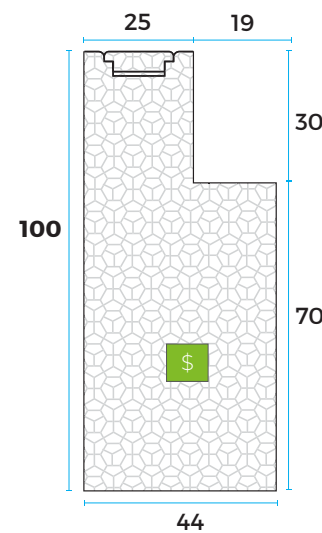


46mm Beaded L - Frame

Selecting beaded stile option will automatically select beaded framing



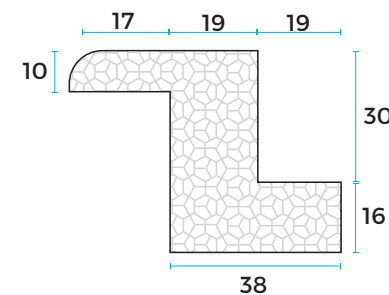
L FRAME FACE FIT

46mm Face Fit*
L - Frame51mm Face Fit
L - Frame72mm Face Fit
L - Frame87mm Face Fit*
L - Frame100mm Face Fit*
L - Frame

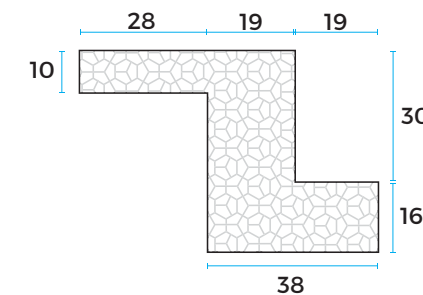
Thermopoly™

Thermo
SelectThermo
25

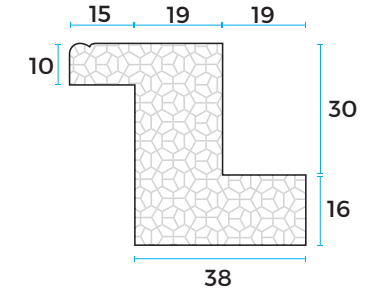
Z FRAME



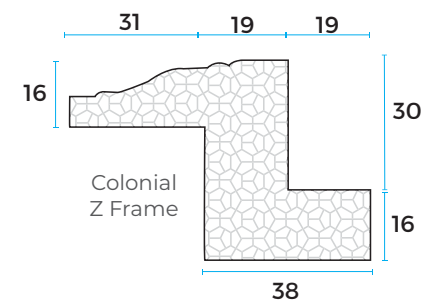
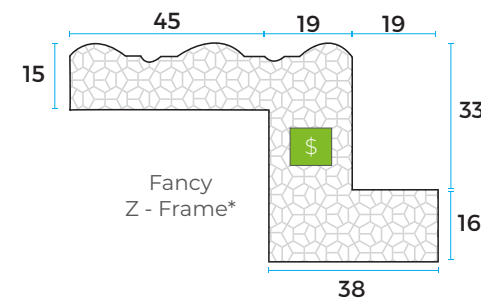
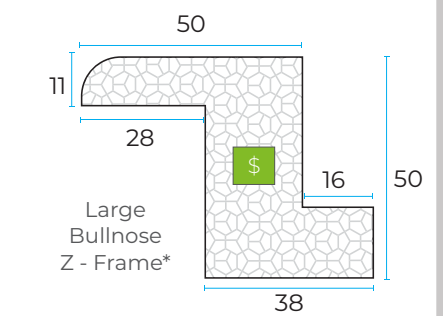
Bull Nose Z - Frame



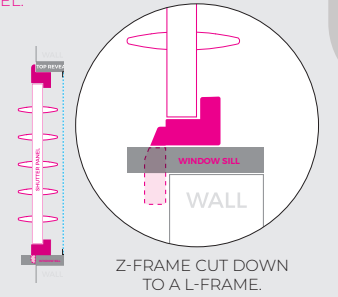
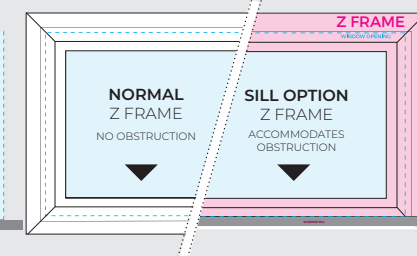
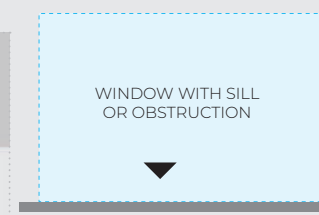
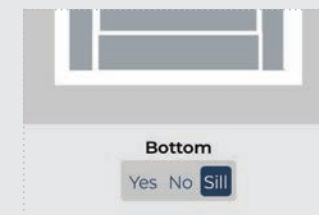
Plain Z - Frame



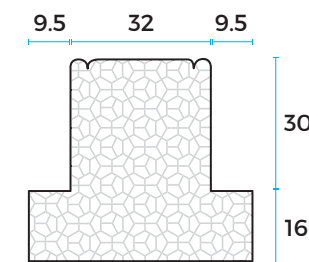
Texas Z - Frame

Colonial
Z FrameFancy
Z - Frame*Large
Bullnose
Z - Frame*

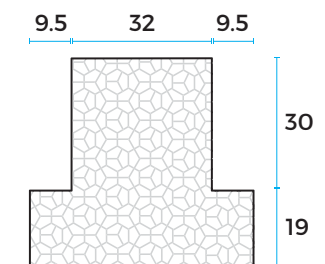
Z FRAME SILL PLATE OPTION

THIS OPTION GIVES YOU FLEXIBILITY TO ADD A Z FRAME WHEN
THERE IS UNEVEN SPACE AROUND THE WINDOW.
ie WINDOW THAT FIXED AT FLOOR LEVEL.Z-FRAME CUT DOWN
TO A L-FRAME.

POSTS

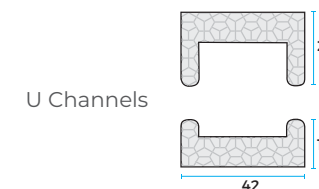


46mm Beaded T - Post



46mm Flat T - Post

OTHER



U Channels



Light Blocks

MEASURING INSTRUCTIONS

INSIDE MOUNT _MEASURING INSTRUCTIONS

Measurements to be given in millimetres (mm)

- Always measure the depth of the reveal to ensure no mullions, handles or anything else could interfere with the rotation of the blades. Check the frame depth chart for the relevant depth needed for each blade size:

Hint: Z-frame will bring the shutter panels forward ~10mm

- Always measure at least 3 places across the width and height.
 - If using an Opening Size Order Form provide the **smallest size** on the form.
The Factory will take the deductions listed below.
 - If using a Make Size Order Form – we recommend taking the following deductions from the smallest measured size.

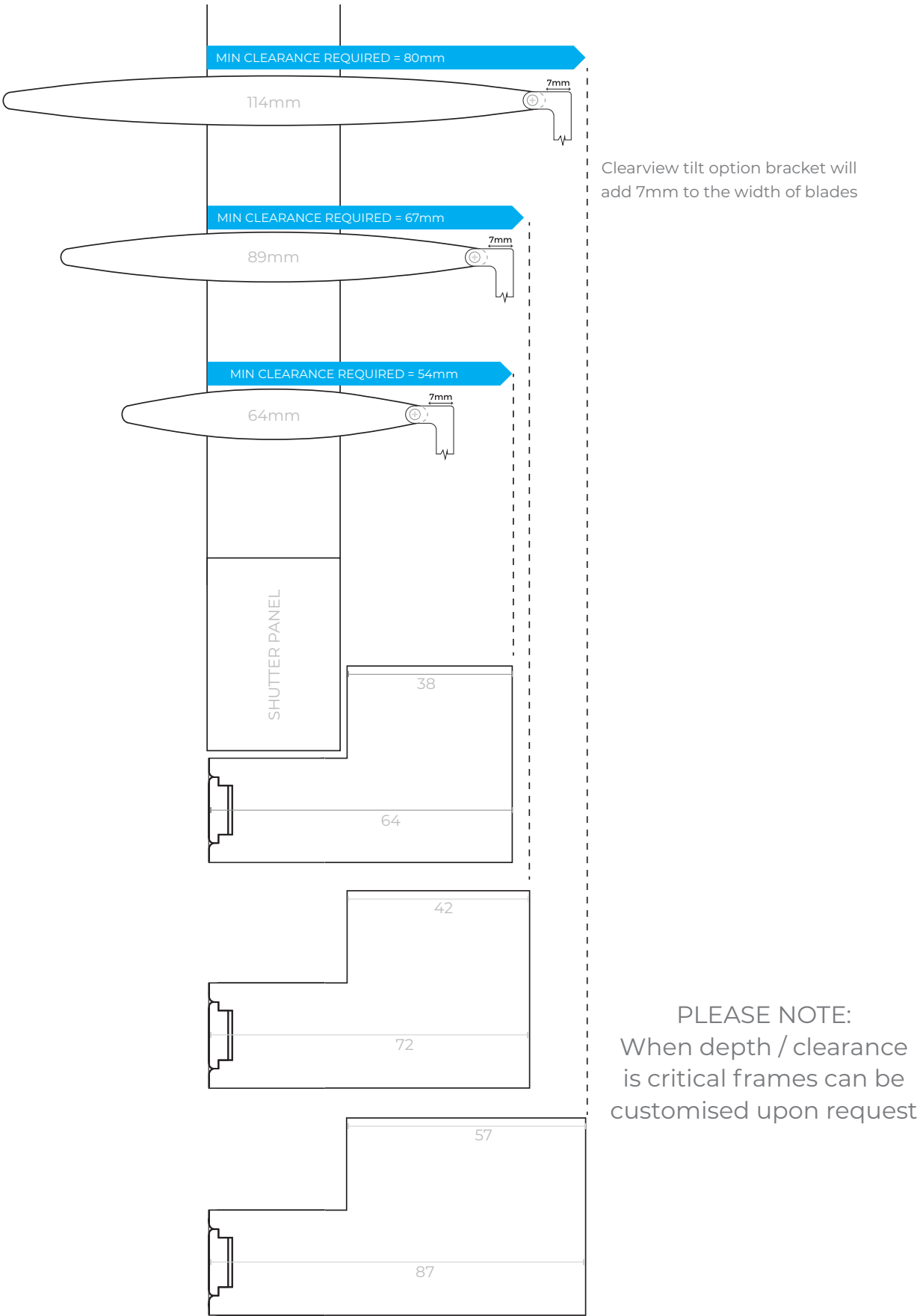
Mounting Method	Width Deduction	Height Deduction
Hinged in Frame (L-Frame, Z-Frame etc.)	3mm	3mm
Non Mortise Hinges without frame – 1 x panel	5mm	6mm
Non Mortise Hinges without frame – 2 + panels	6mm	6mm
Pivot Hinge without frame – 1 x panel	5mm	8mm
Pivot Hinge without frame – 2 + panels	6mm	8mm
Sliding/Bi-Folding	3mm	3mm

OUTSIDE MOUNT _MEASURING INSTRUCTIONS

Measurements to be given in millimetres (mm)

- Always measure in in at least 3 places across the width and height. Use the **Largest size** for ordering. No deductions will be taken from these sizes.

OUTSIDE MOUNT _BLADE /FRAME DEPTH CHART



MEASURING INSTRUCTIONS

MID RAILS

When measuring for a Mid Rail, measure from the bottom of the opening to the centre of where you would like the Mid Rail to be positioned. This will be positioned, within a tolerance of **30mm** up or down to maintain even top and bottom rails.

If your Mid Rail position is Critical, tick the box critical mid rail or mention it in the notes section on the order form 'Critical Mid Rail', this will ensure your Mid Rail to be positioned exact. Though the Top and Bottom rails may be of different size.

Note: with critical midrails CW Systems & the factory cannot be responsible for uneven Top or Bottom Rails.

Mid Rail

No mid rail ☐ 1 mid rail ☒ 2 mid rails ☐ 3 mid rails ☐

Mid rail critical? ☐ ?

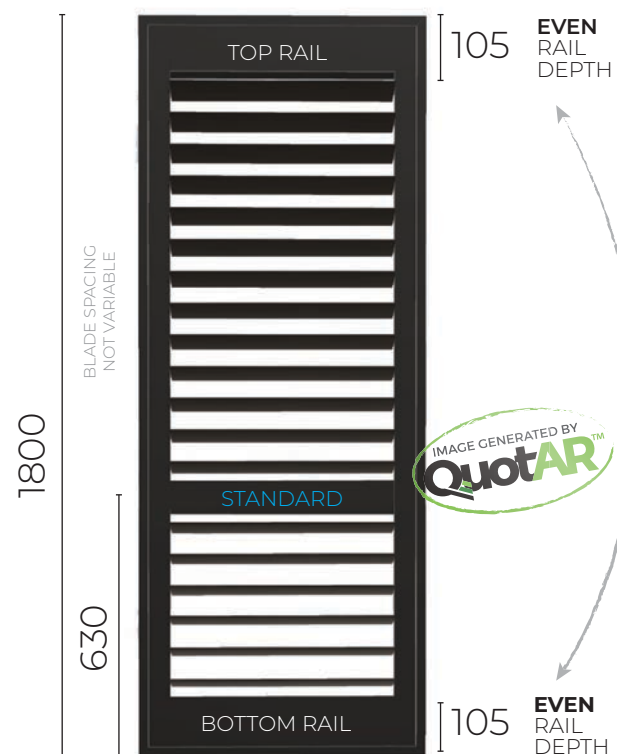
1st mid rail height:

HINT ?
If you leave this blank the mid rail will be put in centre

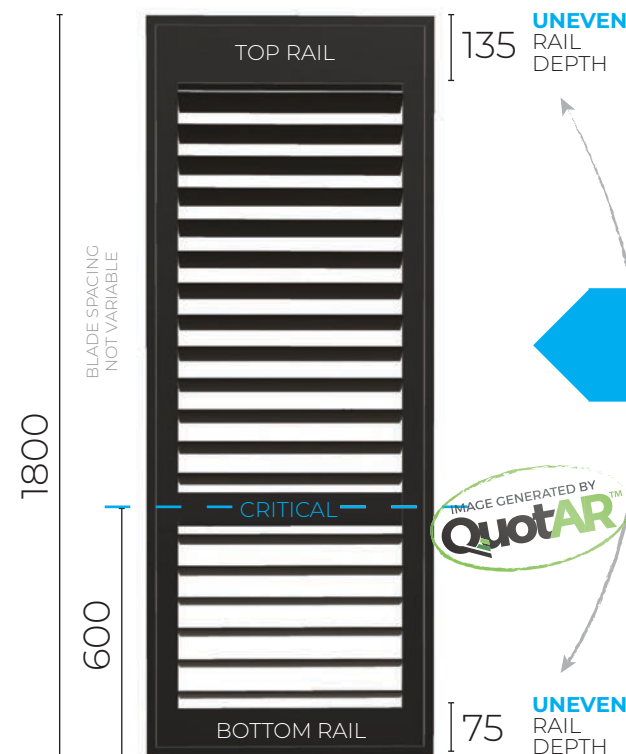
EXAMPLE PANELS BELOW

The example below shows the same shutter 1800mm tall with a mid rail at 600mm. The standard mid rail is moved to 630mm with even top and bottom rails. With critical mid-rail it is positioned exactly at 600mm but the top rail is bigger than the bottom rail.

MID RAILS STANDARD



MID RAILS CRITICAL



CRITICAL SPECIFICATION
IN REAL TIME

UPGRADE YOUR ORDERING EXPERIENCE 'Technical' Made Easy

Your complete **self guided online sales order APP** with augmented reality for **shutter visualisation.**



17

IMAGE GENERATED BY
QuotAR™

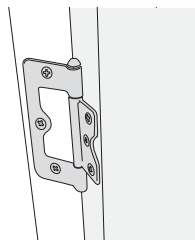
Customer confidence by creating custom shutters, clients can visualise and you can sell, your looking smarter already...

Call for a free demonstration **PLAY TODAY!**

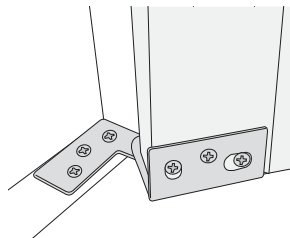
HINGED OPTIONS



HINGE TYPES

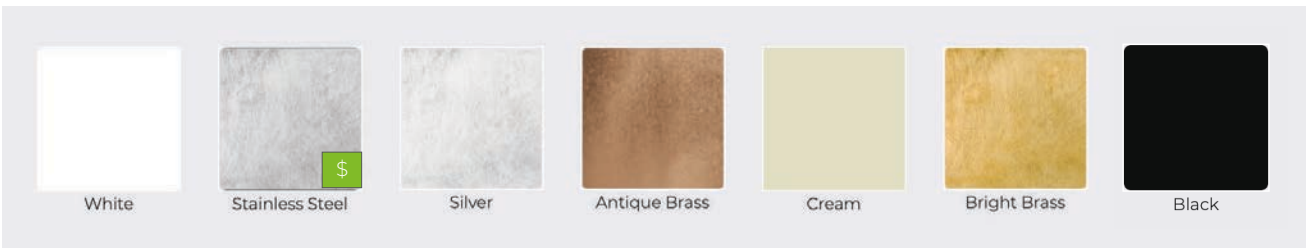


NON MORTISE HINGE

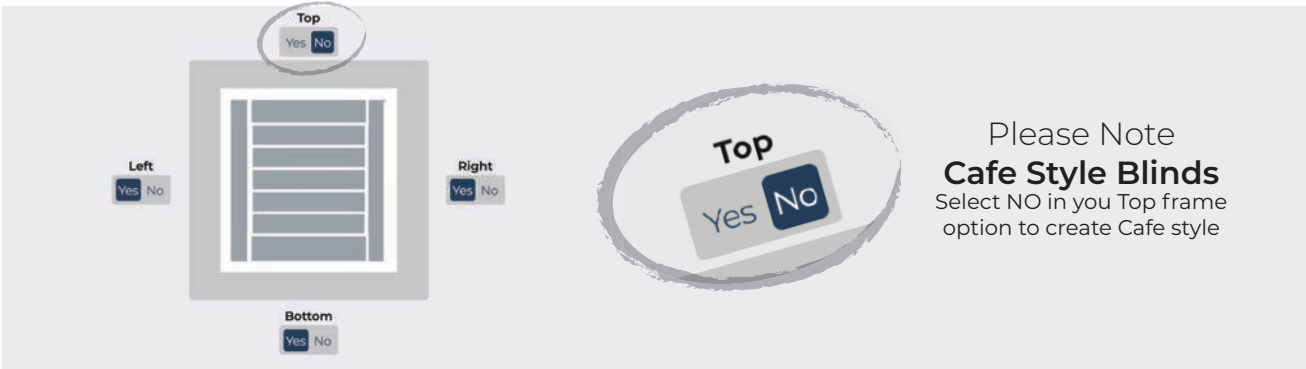


PIVOT HINGE

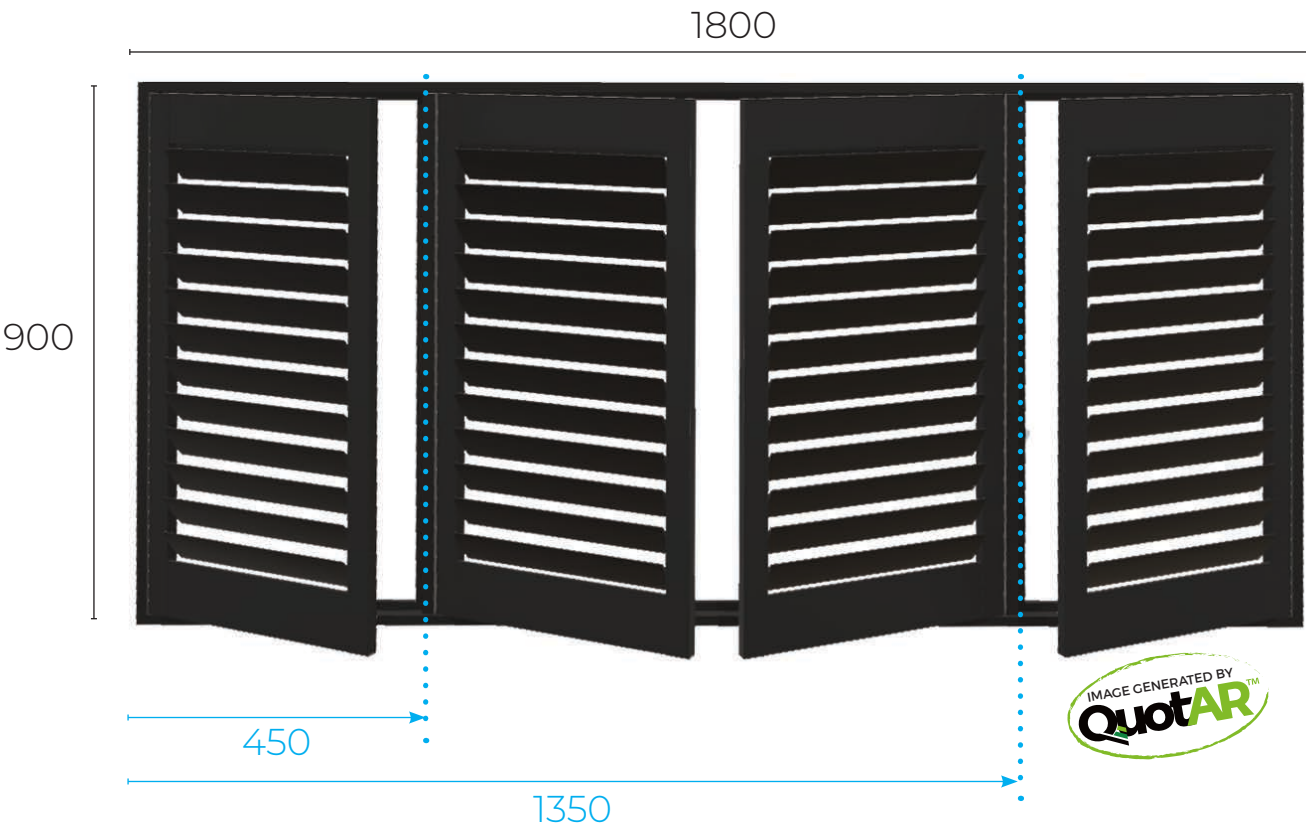
HINGE MOUNT COLOUR OPTIONS



FRAME SIDES



HINGED MEASURING T POST



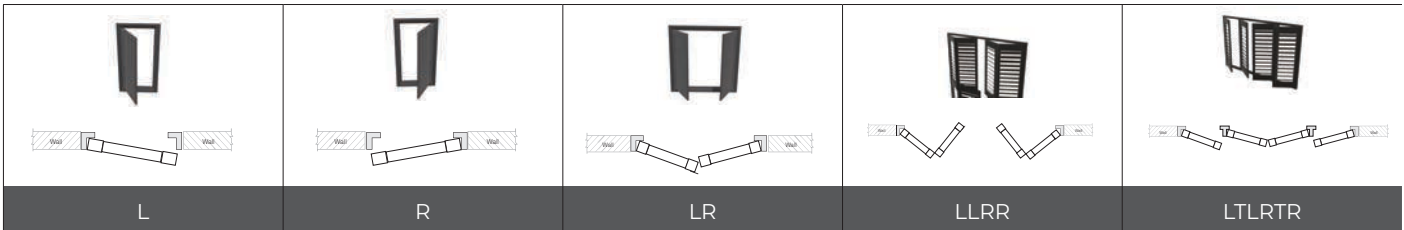
When Measuring for T-post positions always measure from the far left to the centre of the T-post. If you do not nominate a T-post position the panels will be made even width and positioned as per your Layout Code.

Ordering online: With every "T" entered in the Layout Code a box will appear for you to enter the post position.

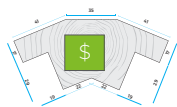
Layout Code: LTLTL
1st T Enter value (nr) 2nd T Enter value (nr)

HINGED / FRAMED LAY OUT CODES

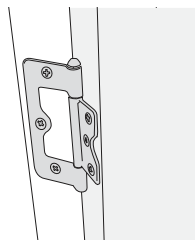
Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels/posts are in an item as well as what side the hinges are one. A layout code should always be designed starting from the left. With Hinged shutters – L=Left hinge, R= Right hinge, T=T-post. No other letters are needed in the layout code. Some examples are below.



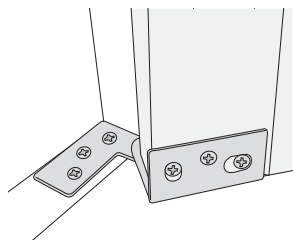
BAY WINDOW OPTIONS



HINGE TYPES

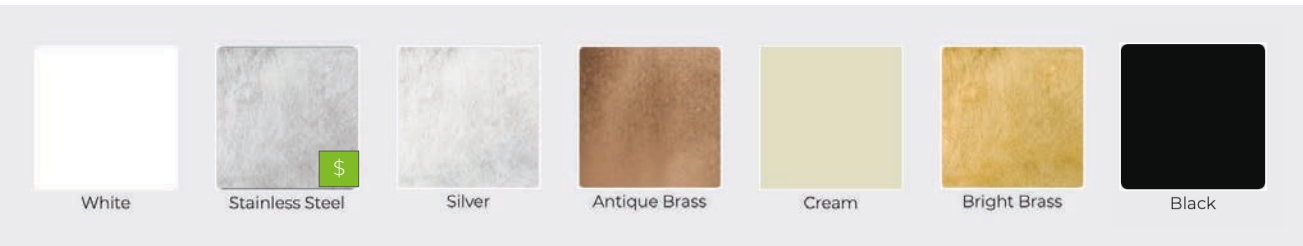


NON MORTISE HINGE

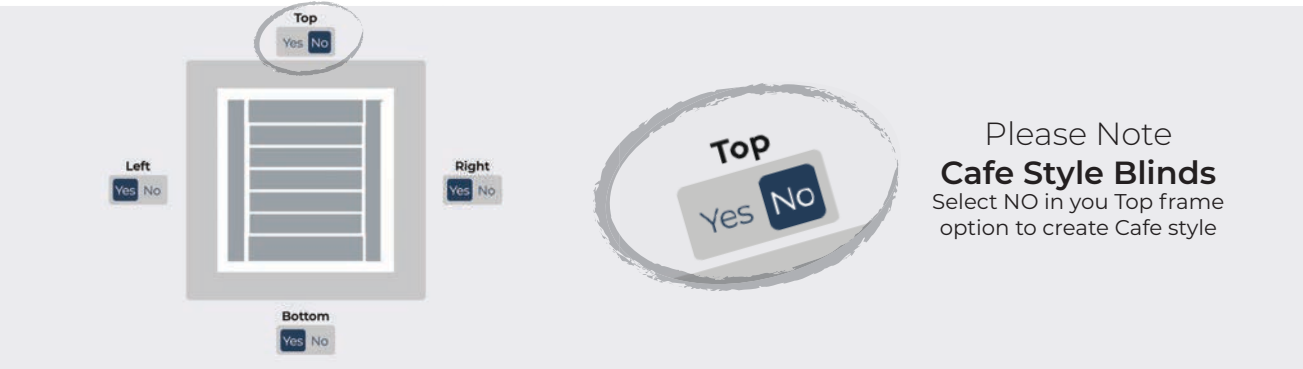


PIVOT HINGE

HINGE MOUNT COLOUR OPTIONS

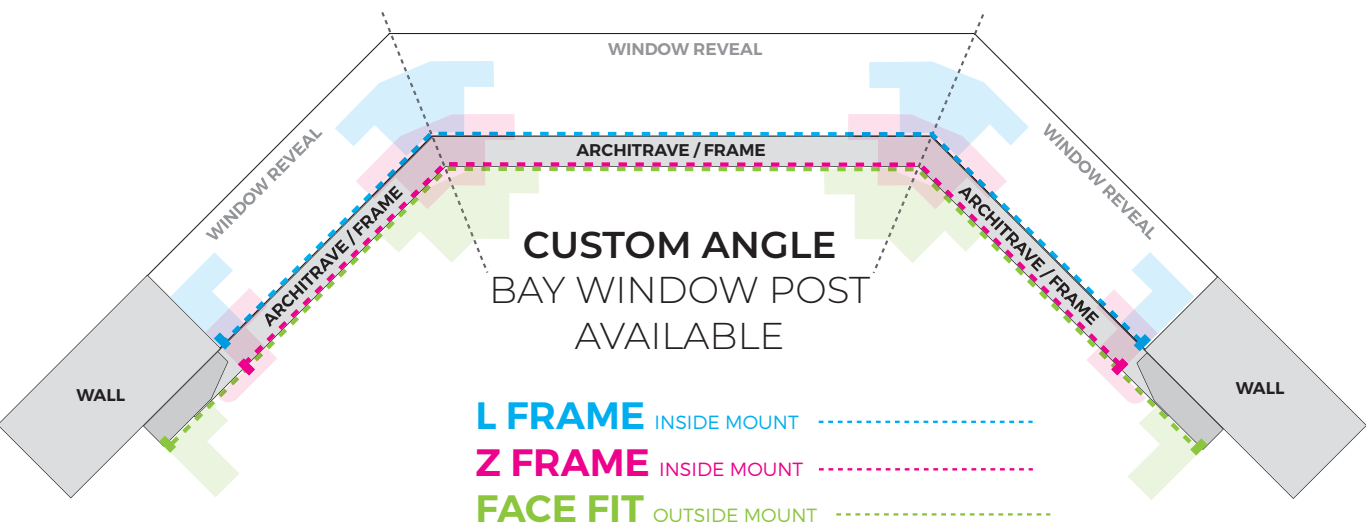


FRAME SIDES

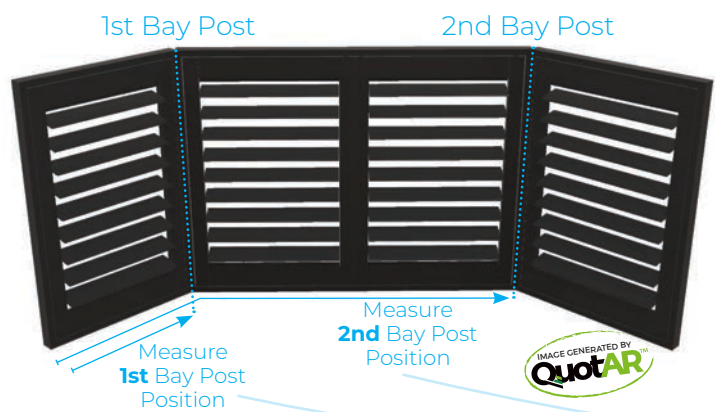


MEASURING BAY WINDOWS
WITH DIFFERENT FRAMING OPTIONS

When measuring for Bay or Corner Windows there are other factors to consider. Inside mount/Outside mount changes the sizes dramatically. With inside mount you are giving us the front of frame size and outside mount is the Back of frame size. Also if you are using a Z-frame you have to make sure to take in to account the architrave thickness and supply the size to the front of the architrave. See diagram below.

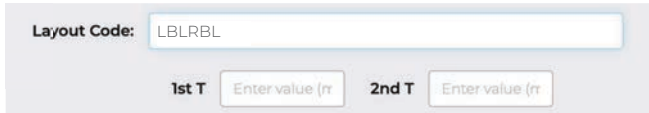


BAY WINDOW MEASURING POST



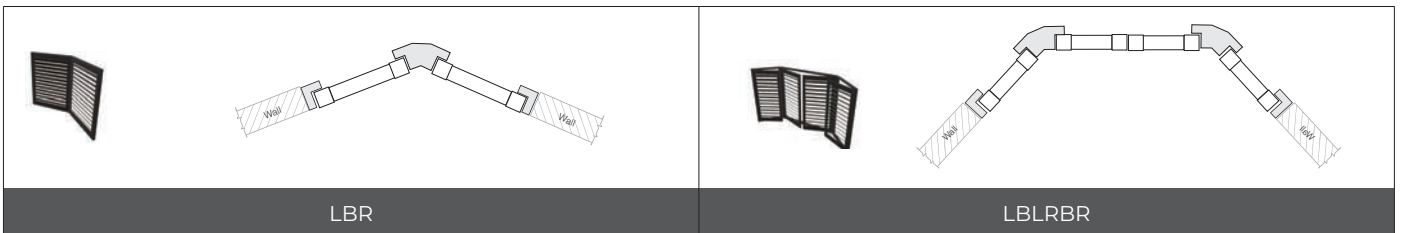
When Measuring for post positions always measure from the far left to the centre of the post. If you do not nominate a post position the panels will be made even width and positioned as per your Layout Code.

Ordering online: With every "T" or "B" entered in the Layout Code a box will appear for you to enter the post position.



BAY WINDOW / FRAMED LAY OUT CODES

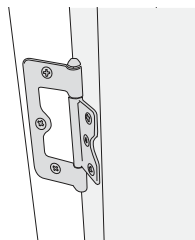
Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels/posts are in an item as well as what side the hinges are one. A layout code should always be designed starting from the left. With Bay Windows – L=Left hinge, R= Right hinge, T=T-post, B=Baypost. No other letters are needed in the layout code. Some examples are below.



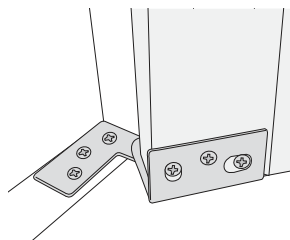
CORNER WINDOW OPTIONS



HINGE TYPES

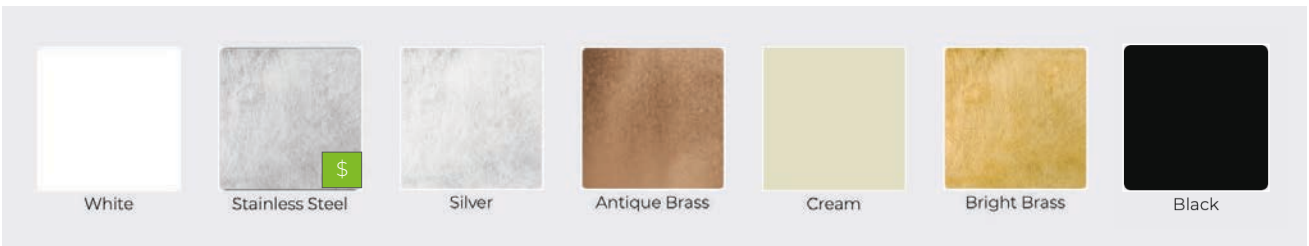


NON MORTISE HINGE

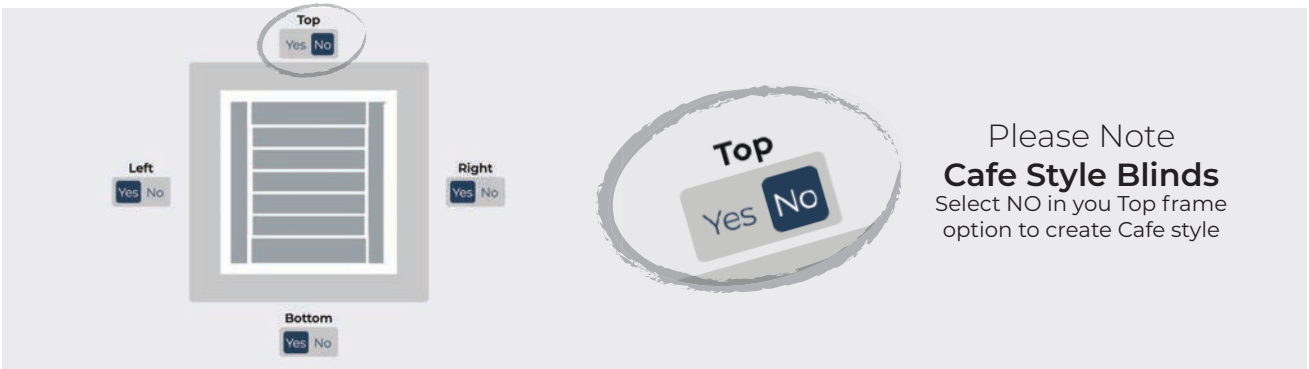


PIVOT HINGE

HINGE MOUNT COLOUR OPTIONS

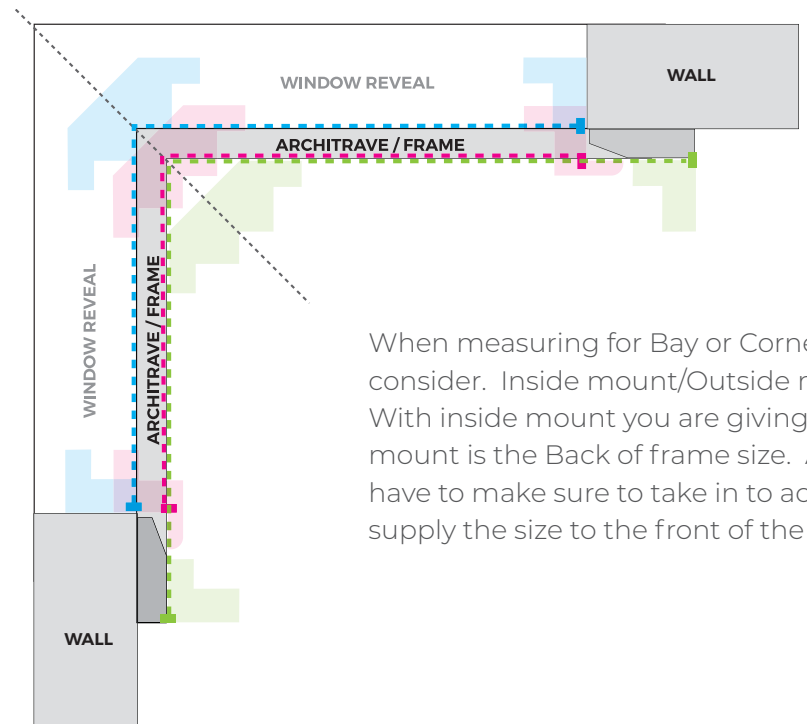


FRAME SIDES



CORNER WINDOW MEASURING T POST

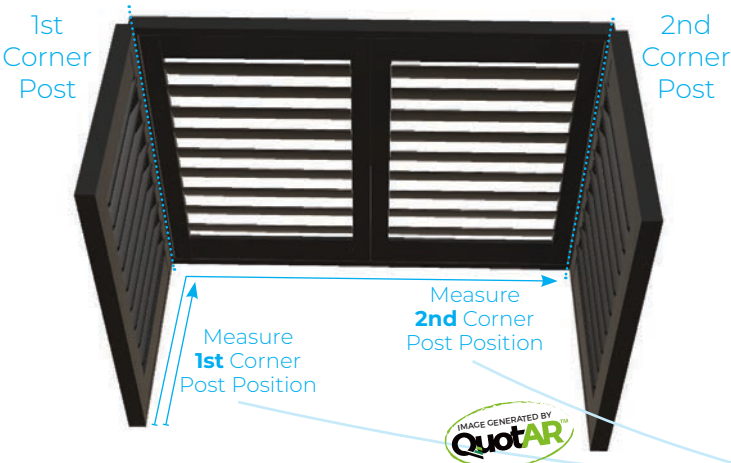
MEASURING CORNER WINDOWS WITH DIFFERENT FRAMING OPTIONS



L FRAME INSIDE MOUNT
Z FRAME INSIDE MOUNT
FACE FIT OUTSIDE MOUNT

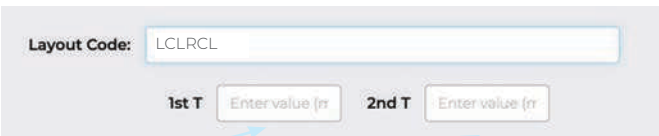
When measuring for Bay or Corner Windows there are other factors to consider. Inside mount/Outside mount changes the sizes dramatically. With inside mount you are giving us the front of frame size and outside mount is the Back of frame size. Also if you are using a Z-frame you have to make sure to take in to account the architrave thickness and supply the size to the front of the architrave. See diagram below.

CORNER WINDOW MEASURING POST



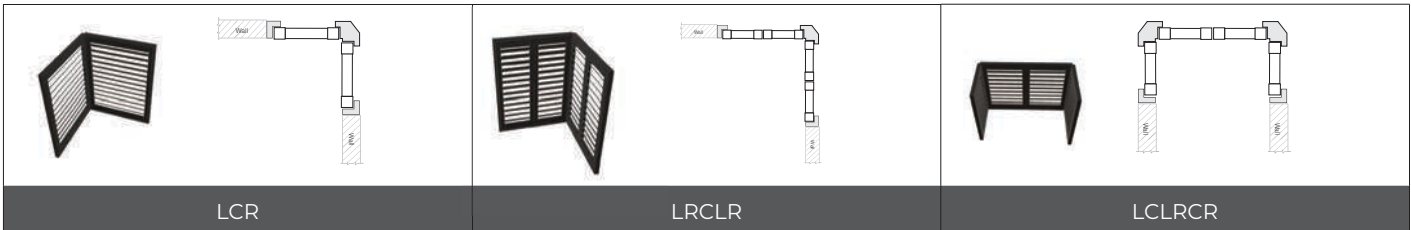
When Measuring for post positions always measure from the far left to the centre of the post. If you do not nominate a post position the panels will be made even width and positioned as per your Layout Code.

Ordering online: With every "T" or "C" entered in the Layout Code a box will appear for you to enter the post position.

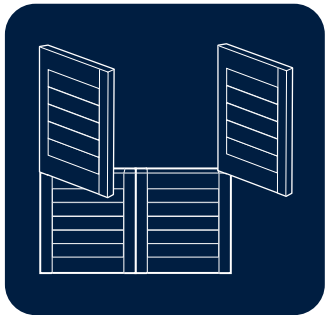


CORNER WINDOW / FRAMED LAY OUT CODES

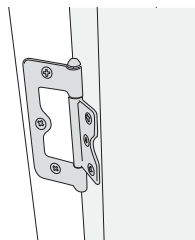
Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels/posts are in an item as well as what side the hinges are one. A layout code should always be designed starting from the left. With Corner Windows – L=Left hinge, R= Right hinge, T=T-post, C=Corner post. No other letters are needed in the layout code. Some examples are below.



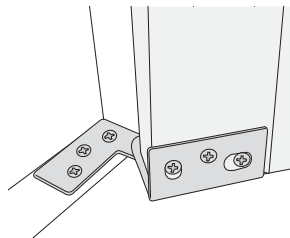
TIER ON TIER OPTIONS



HINGE TYPES

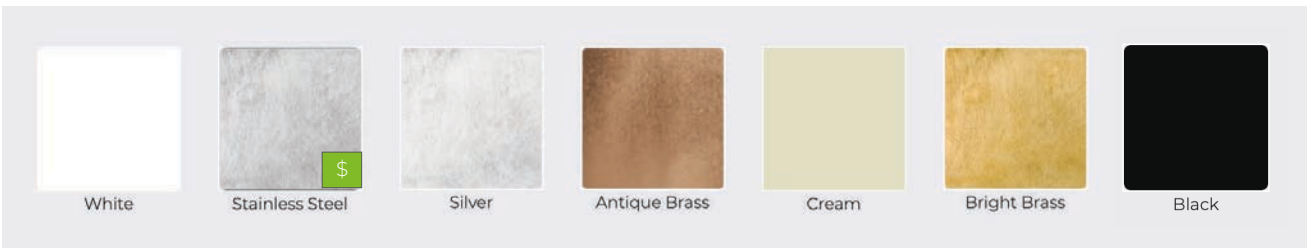


NON MORTISE HINGE

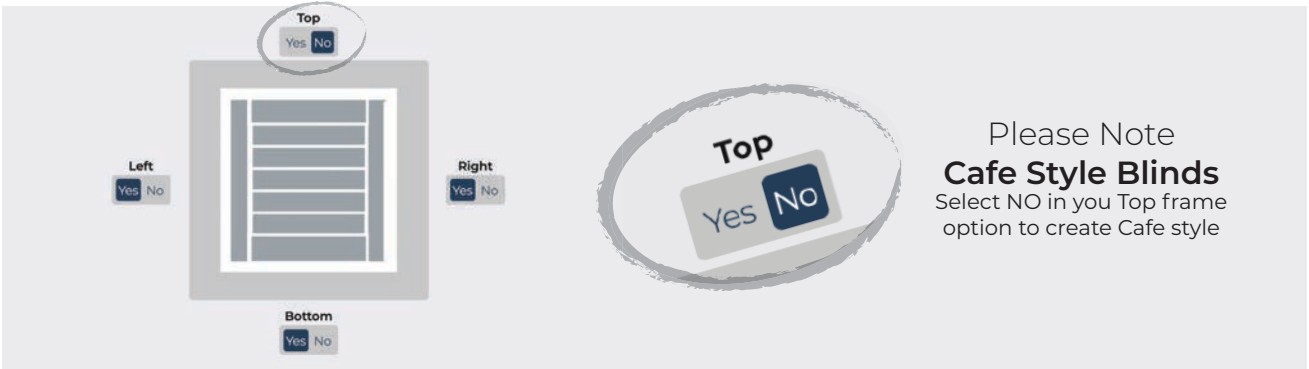


PIVOT HINGE

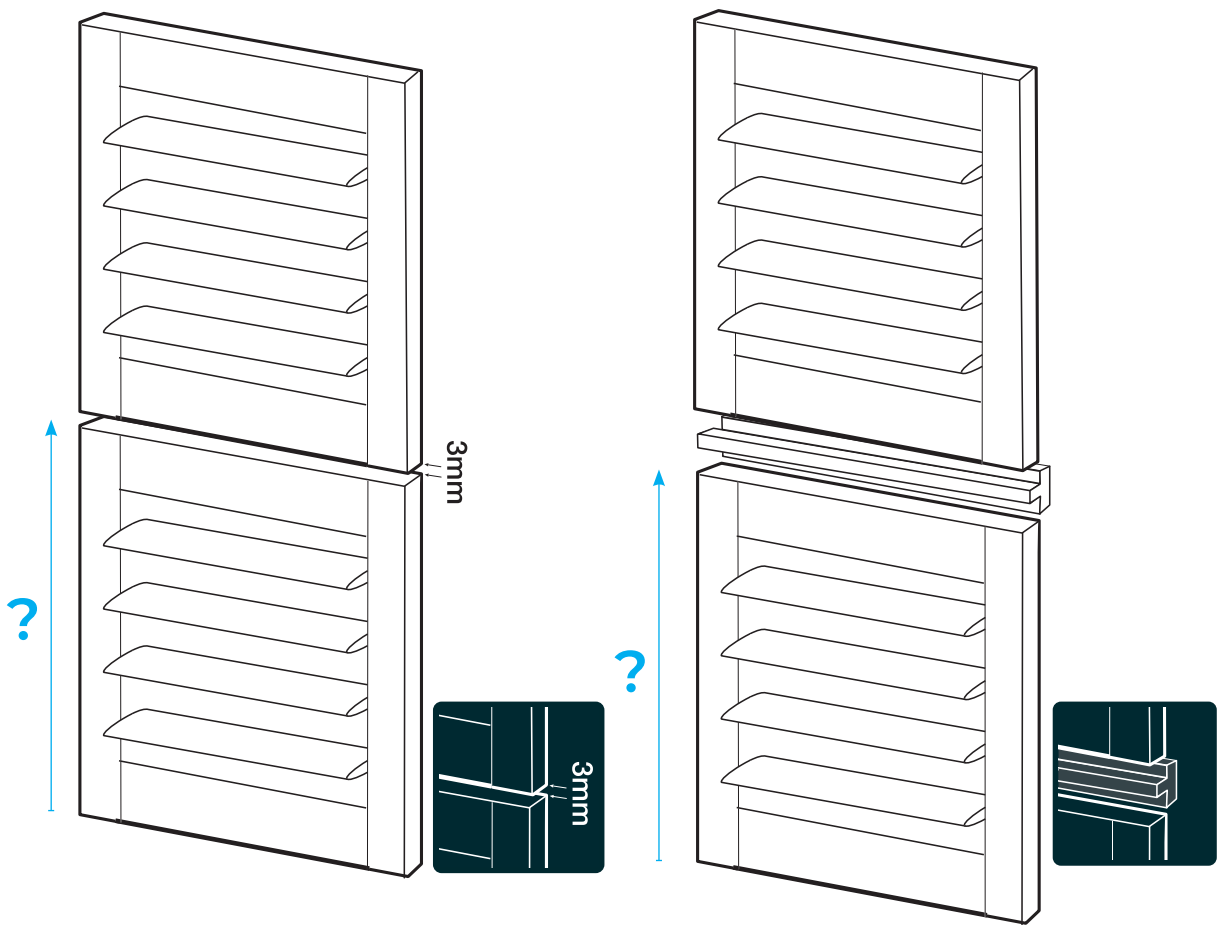
HINGE MOUNT COLOUR OPTIONS



FRAME SIDES



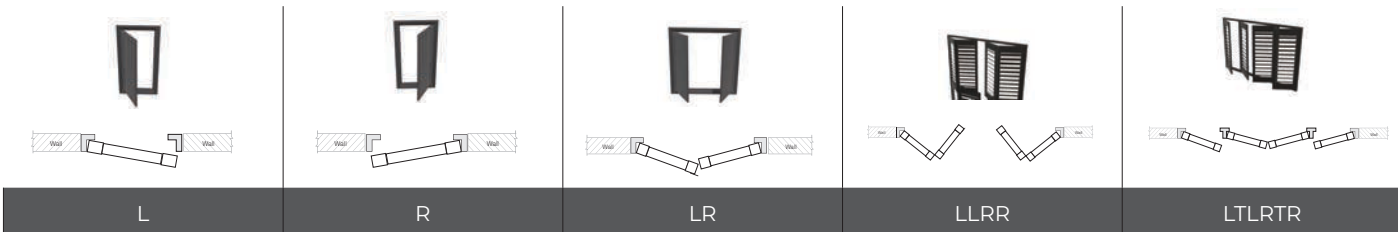
TIER ON TIER MEASURING T POST



With Tier on Tier you choose if you want the panels split with a 3mm gap or a horizontal T-post between the top and bottom panels. Please provide us with the size from the bottom of the opening to the centre of the 3mm gap or horizontal T-post. For layout codes please order the same as standard hinged shutters (See page 21). The factory will mirror the layout above and below the Tier on Tier Split. See examples below.

TIER ON TIER / FRAMED LAY OUT CODES

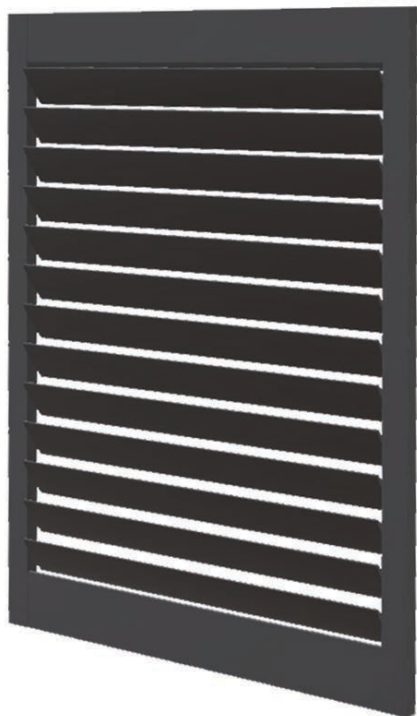
Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels/posts are in an item as well as what side the hinges are one. A layout code should always be designed starting from the left. With Hinged shutters – L=Left hinge, R= Right hinge, T=T-post. No other letters are needed in the layout code. Some examples are below.



FIXED OPTIONS

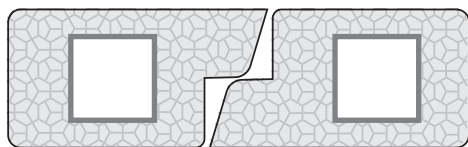


Fixed panels are generally ordered with U-channel top and bottom. However you can order them with standard frame as well. If you order Fixed panels with standard framing the factory will fix the panels in with magnets.

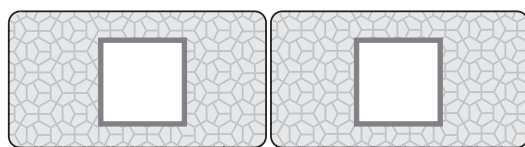


PLEASE NOTE – If the shutters are fixed only with magnets - CW Systems take no responsibility if the panels come loose. It is up to the installer to determine if they need to secure the panel in another way.

STILE OPTIONS WITH U-CHANNELS



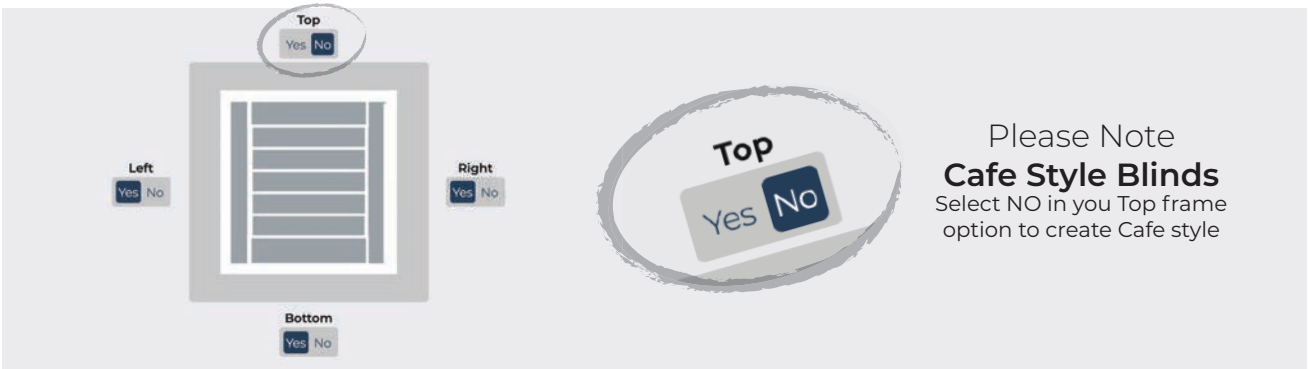
Rabbet Stile - Flat



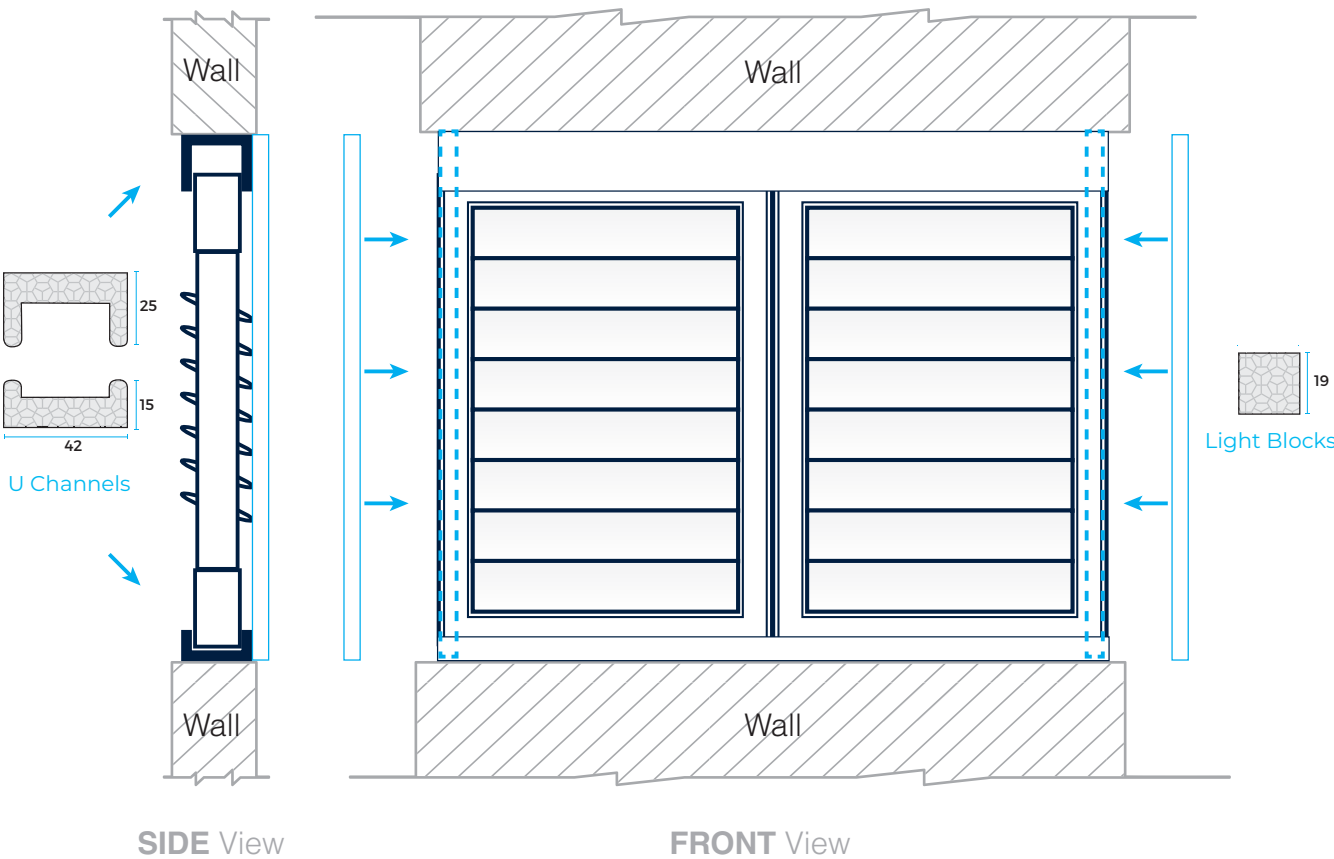
Square Stile - Flat

PLEASE NOTE NO D-MOULD OPTION AVAILABLE WITH U-CHANNELS

FRAME OPTIONS

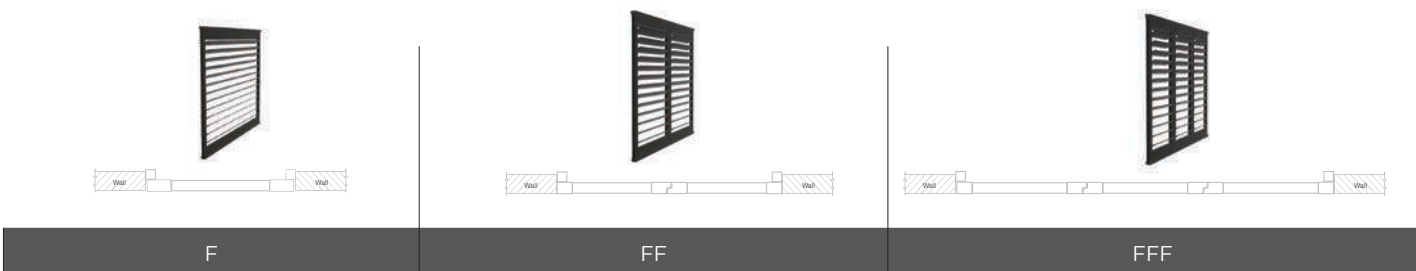


FIXED MEASURING T POST



FIXED PANEL / FRAMED LAY OUT CODES

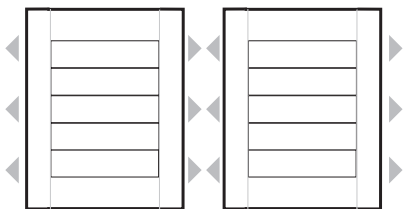
Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels/posts are in an item. A layout code should always be designed starting from the left. With Fixed shutters – F=1 x fixed panel, T=T-post. No other letters are needed in the layout code. Some examples are below.
(If your item requires a mixture of hinges and fixed panels. Please go by the standard hinged product type/instructions on page 21 and use the notes to tell use what panels are fixed).



SLIDING OPTIONS



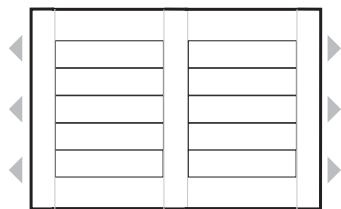
SLIDING PANEL TYPES



STANDARD PANELS
Panels slide independently



CO - JOINED PANELS
Separate panels joined with hinges so they slide as one.



CENTRE STILE PANELS
A 60mm stile down the centre of the panel. Available in Basswood only.

FRAME OPTIONS

Top
Yes No

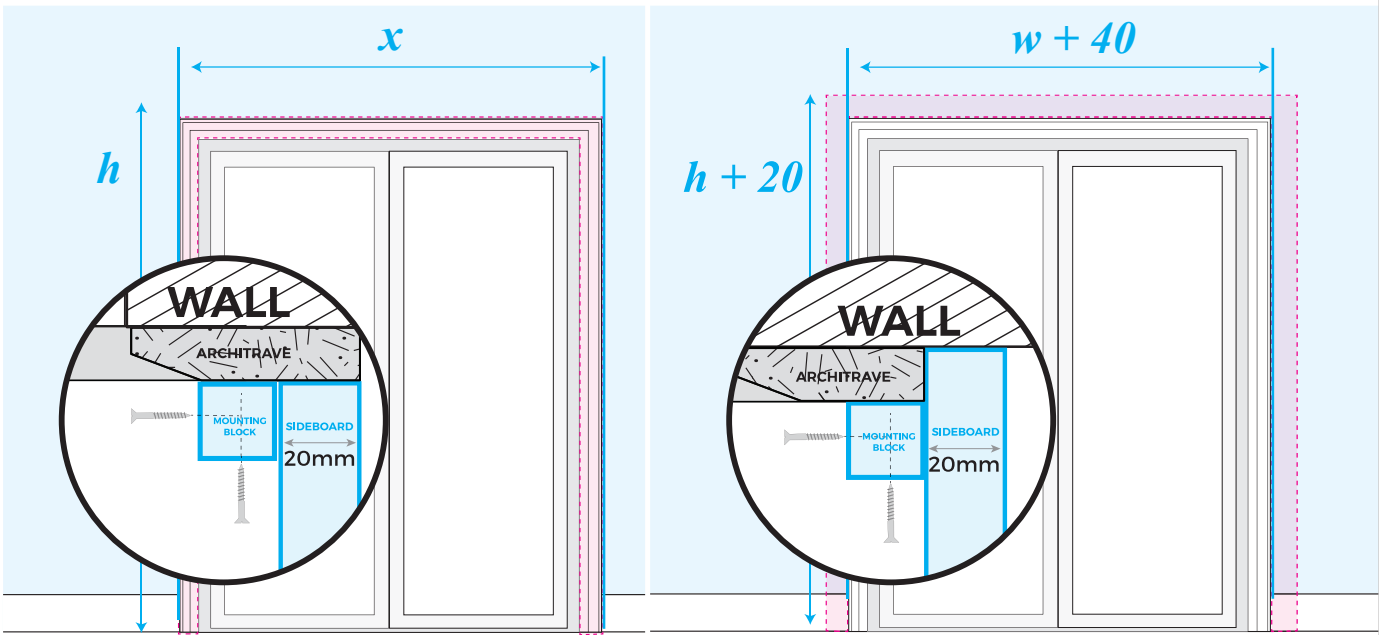
Left
Yes No

Right
Yes No

Bottom
Yes No

Please Note
Select "No" for any sides you do not want side/bottom boards. If you have "Yes" selected at the bottom the factory will automatically rebate the bottom frame into the bottom board.

FACE MOUNT SLIDING PANEL MEASUREMENT

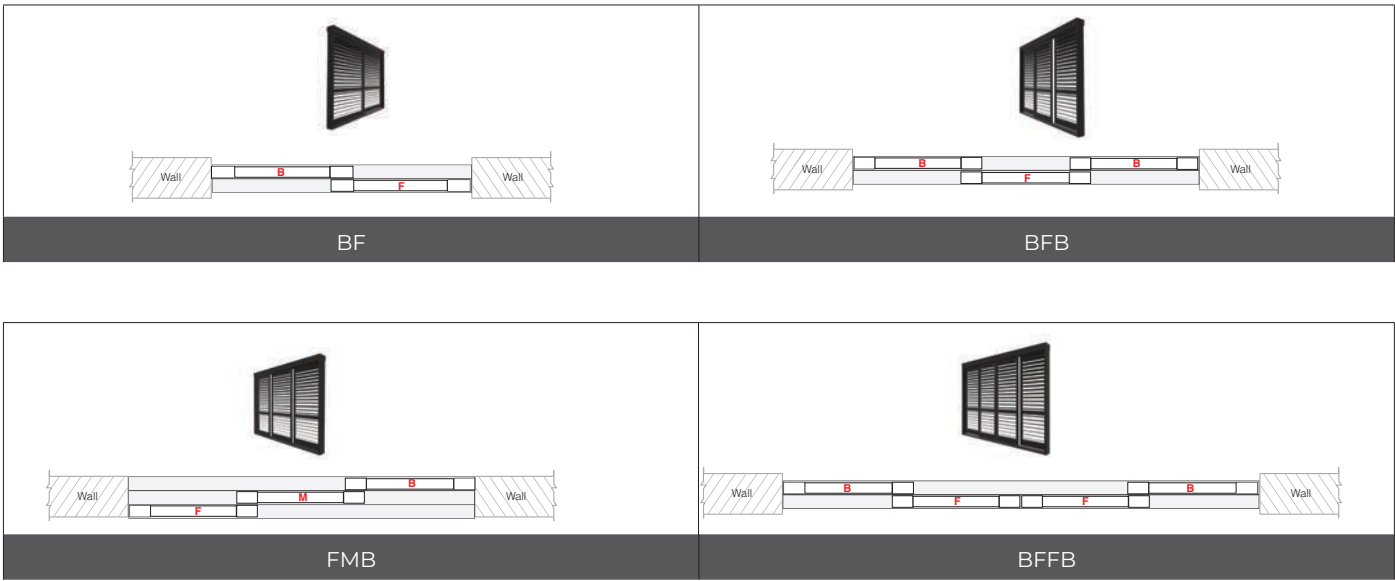


Installation **ON FACE** of architrave.
Measure to the outside of the architrave

Installation **AROUND** the architrave
Measure to the outside of the architrave then add 20mm to the height and 40mm to the width

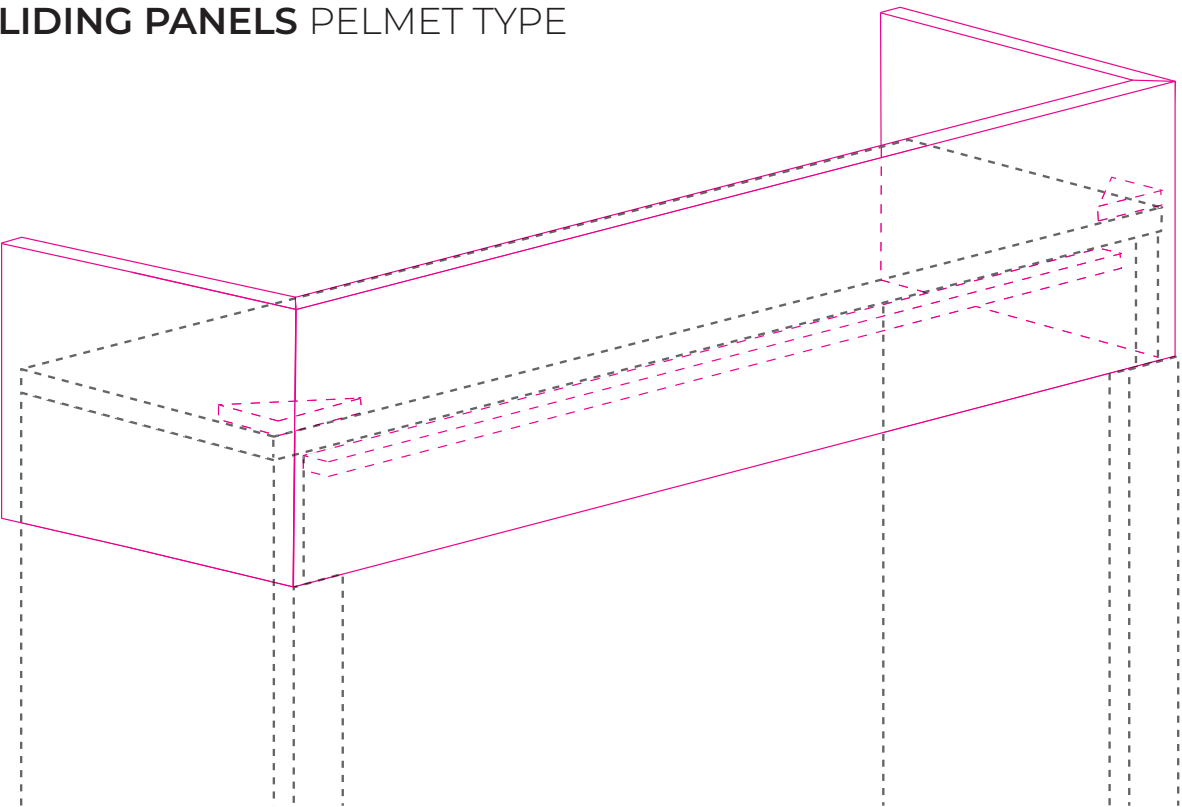
SLIDING / FRAMED LAY OUT CODES

Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels/tracks are in an item as well what panel is on what track. A layout code should always be designed starting from the left. With Sliding Shutters – F=1 x Panel on Front Track, B= 1 x Panel on Back Track, M=1 x Panel on Middle Track. If you are using Co-Joined panels each should be in the layout (ie FFBB) and the factory will automatically join them if Co-joined is selected. See example below.



SLIDING OPTIONS

SLIDING PANELS PELMET TYPE



OUT - PELMET
40mm above headboard

140mm

SEMI - PELMET
20mm above headboard

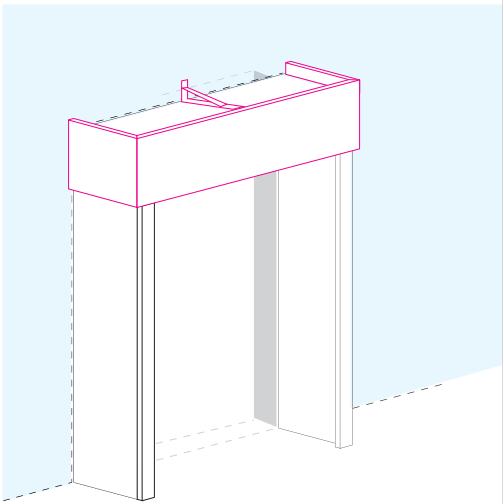
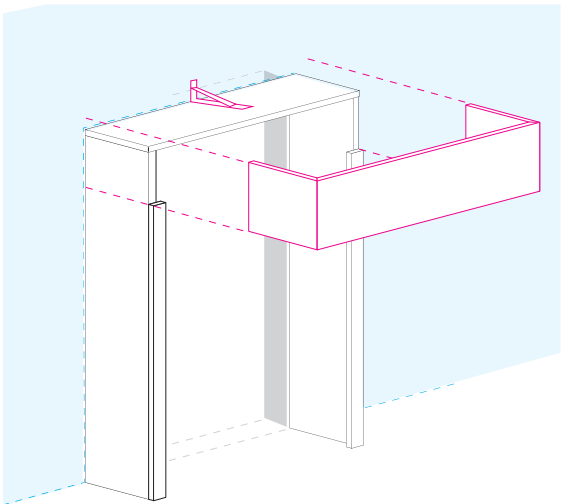
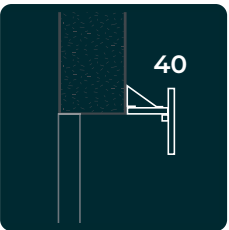
120mm

IN - PELMET
Flush to top - no return

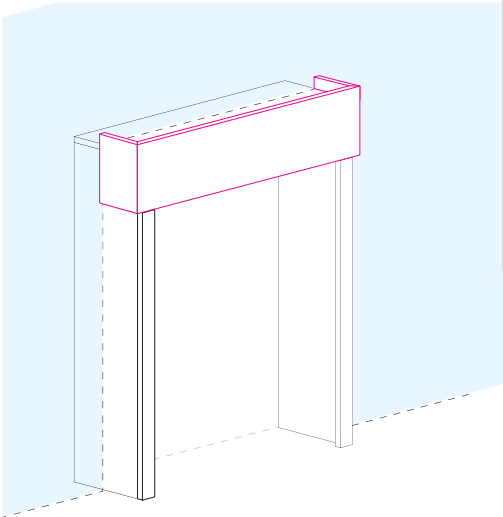
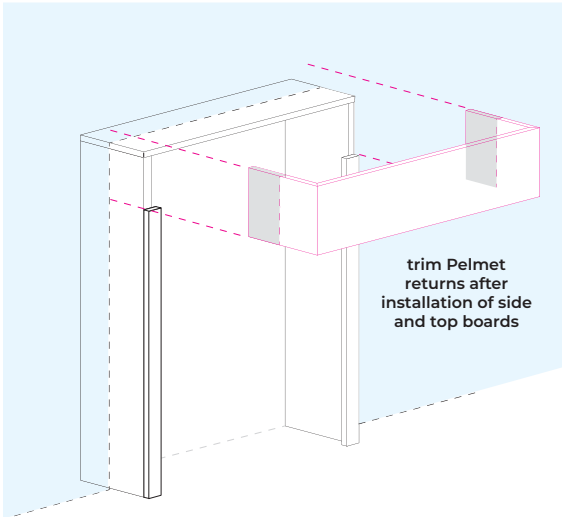
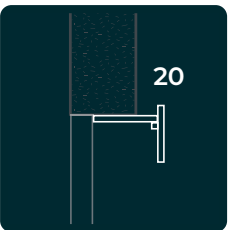
100mm

Sliding Panels PELMET TYPE

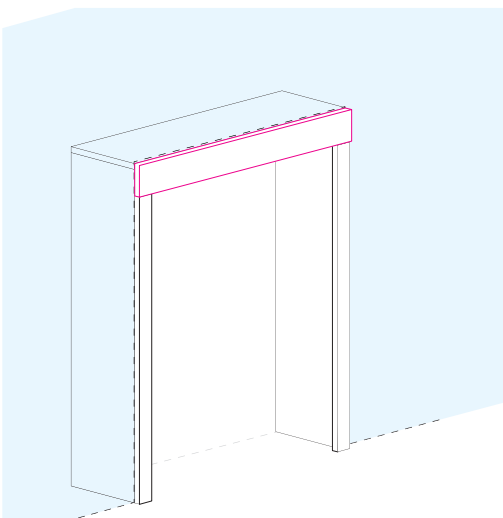
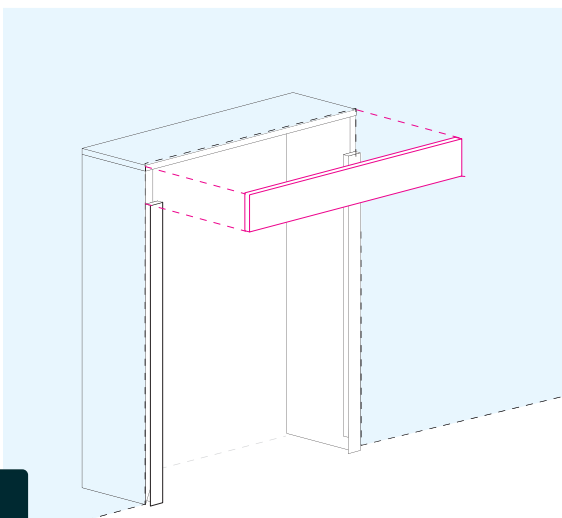
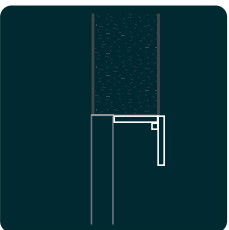
OUT
40MM ABOVE
BOARD W/RETURNS



SEMI
20MM ABOVE
BOARD W/RETURNS



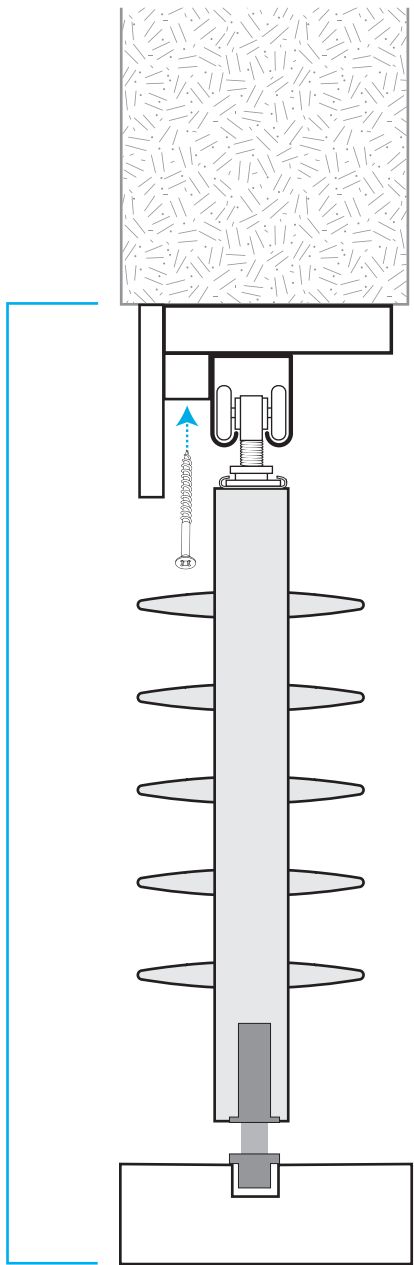
IN / DOUBLE
FRONT AND BACK
NO RETURNS



DOUBLE
INTERNAL WALL OPTION
NO RETURNS

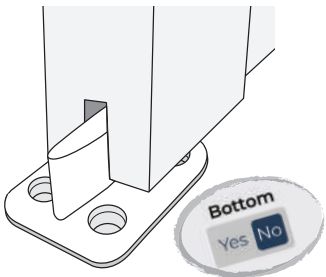


SLIDING OPTIONS

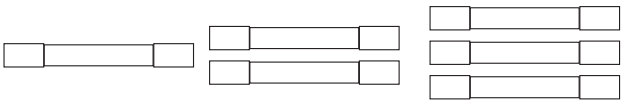


Top Rolling with Floor Guide

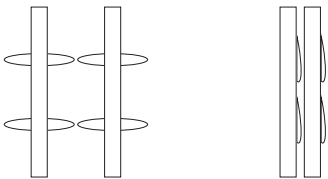
Floor Guide mounted directly to floor/ bottom board. Groove cut into bottom of panel to go over floor guide. REMEMBER to select “No” on bottom frame if no bottom board is needed.



Sliding Panels Track Quantity



The layout Code will tell us they Track qty needed. On the online system it will be automatically selected.



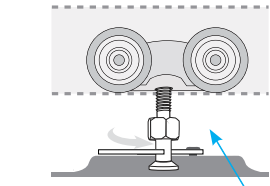
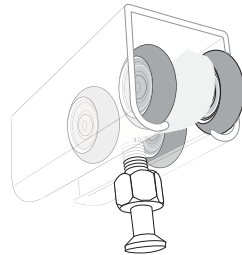
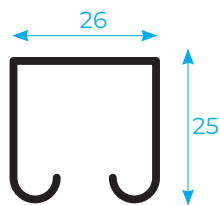
Sliding Open – This means we space the tracks far enough apart so that the panels will Slide past without hitting each other even with the blades tilted open. The factory will provide Light block to attached to the panels if this is selected.

Sliding Closed – The factory will space the track as close as possible to each other. The blades will need to be fully tilted closed to slide the panels.

SLIDING PANELS TRACKING SYSTEM

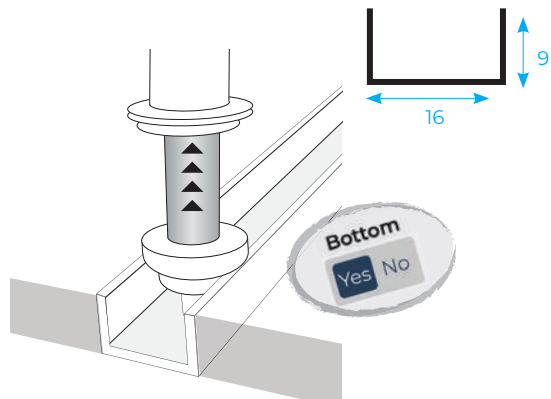
Top Rolling Track System (T25)

top track and top carrier



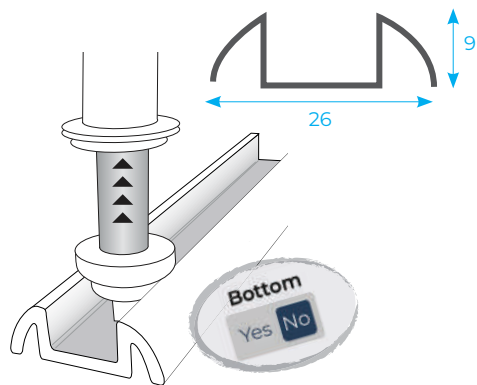
Height adjustment Screw

Top Rolling with Bottom Track



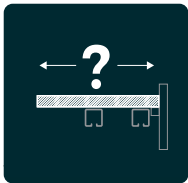
U-Track recessed in Bottom board

Select “Yes” for the bottom frame to order this



M-Track sits on Floor

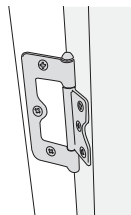
Select “No” for bottom frame to order this.



After selecting entering the layout code, Blade type, and Sliding Open or closed the Online Ordering system will automatically come up with the available frame depths.
Also See frame depth chart below.

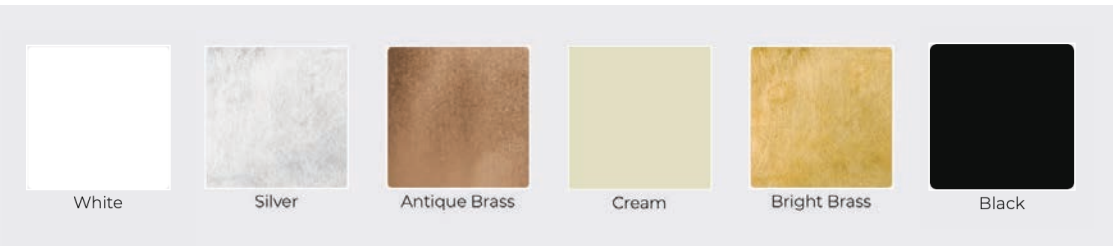
	Sliding Frame Depths (Clearview Tilt)			Sliding Frame Depths (Centre Tilt)		
	Min.	Standard	Face fit (around Arch.)	Min.	Standard	Face fit (around Arch.)
Closed (all blades)	115mm	120mm	140mm	130mm	140mm	160mm
63mm - open	150mm	150mm	170mm	170mm	180mm	200mm
89mm - open	190mm	200mm	220mm	210mm	210mm	230mm
114mm - open (not recommended)	225mm	230mm	250mm	250mm	250mm	270mm

BI FOLD WITH TRACK

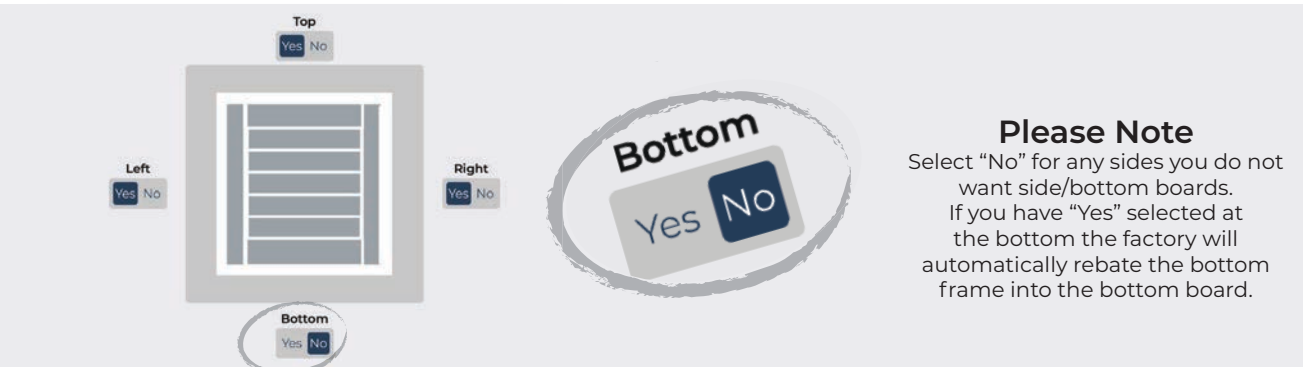


NON MORTISE HINGE

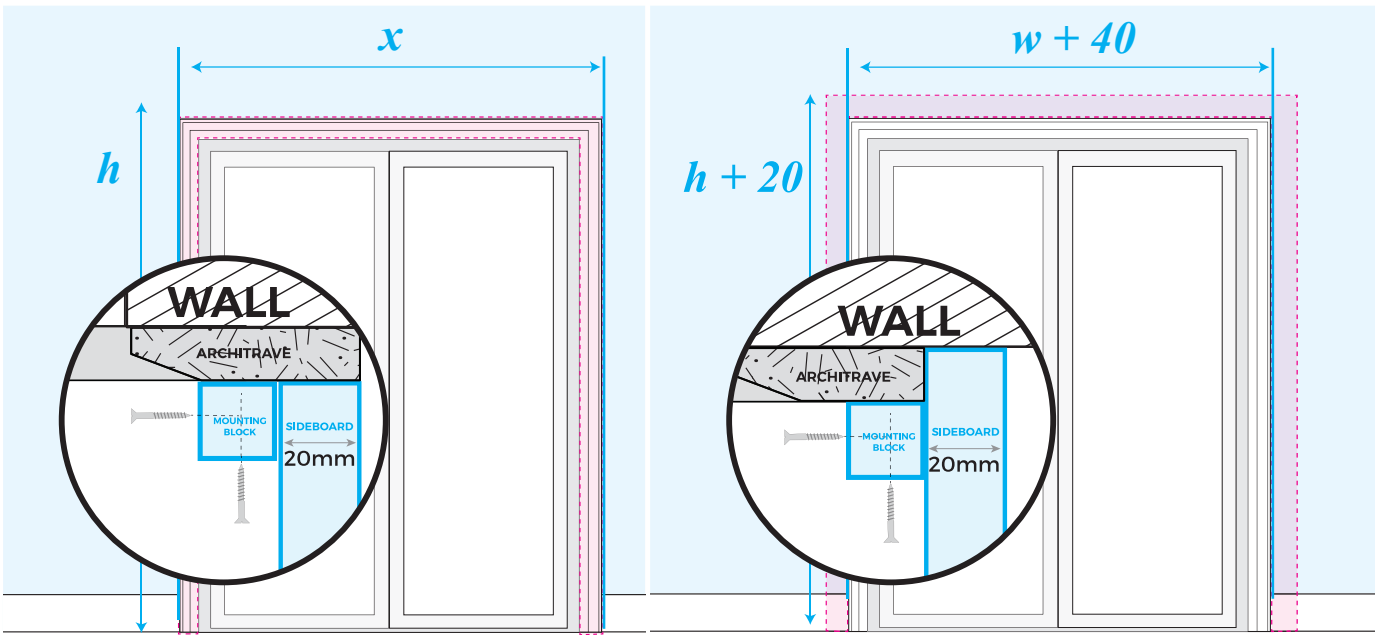
HINGE MOUNT COLOUR OPTIONS



FRAME OPTIONS



FACE MOUNT BI FOLD PANEL MEASUREMENT

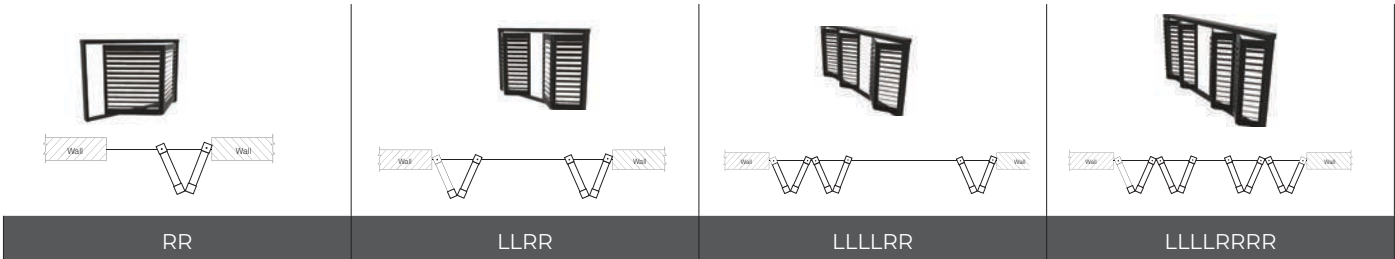


Installation **ON FACE** of architrave.
Measure to the outside of the architrave

Installation **AROUND** the architrave
Measure to the outside of the architrave
then add 20mm to the height and
40mm to the width

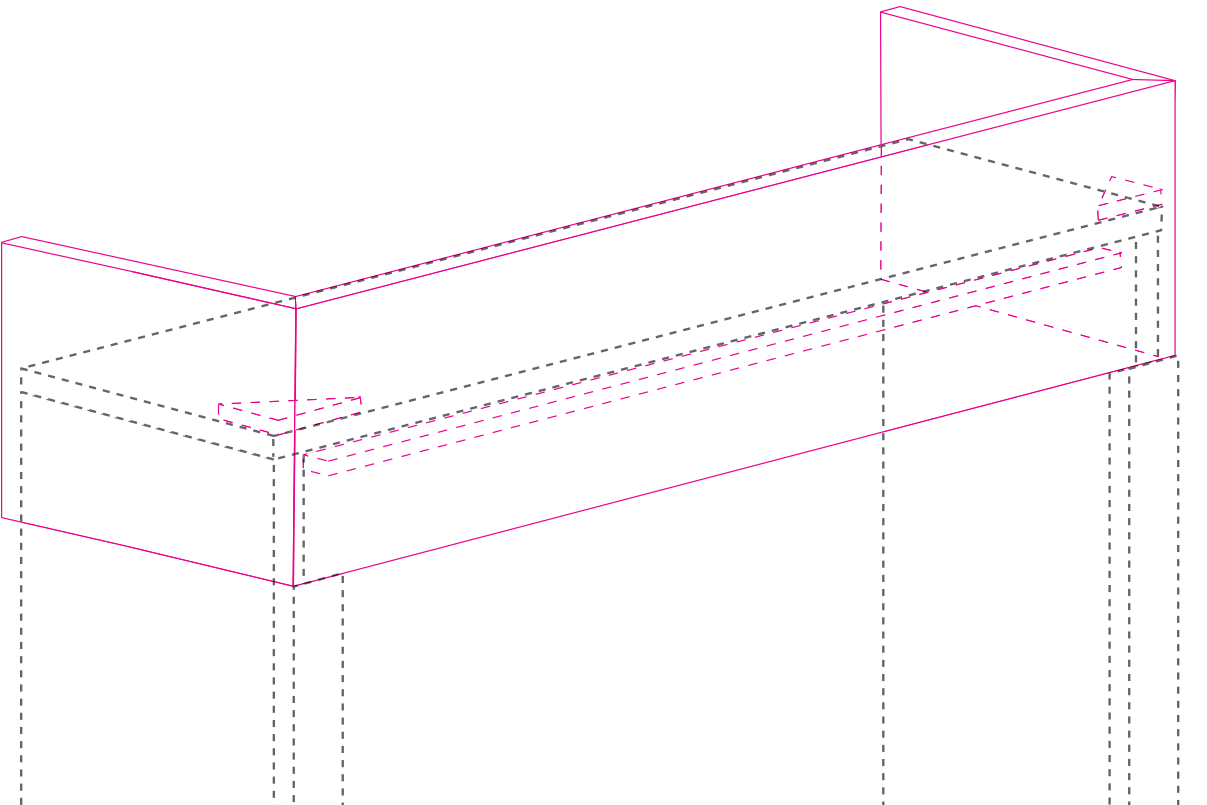
BI FOLD / FRAMED LAY OUT CODES

Layout codes are one of the most important aspect to understand when ordering shutters. The design of the layout codes tells us how many panels are in an item as well as what side the hinges are one. A layout code should always be designed starting from the left. With Bi-Fold shutters – L=Left hinge, R= Right hinge. No other letters are needed in the layout code. It is recommended to always have the panels fold in pairs so that the panel returns to the track. If you have an odd number of panels the last panel will be swinging independently and the factory does not supply any hardware to hold it in place. Some examples are below.

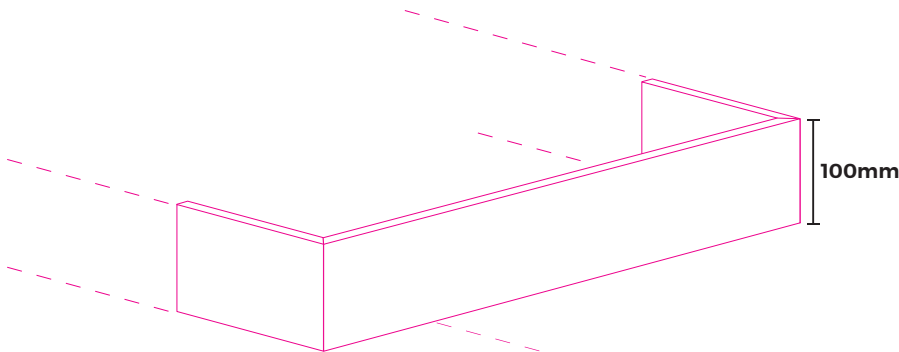


BI FOLDS OPTIONS

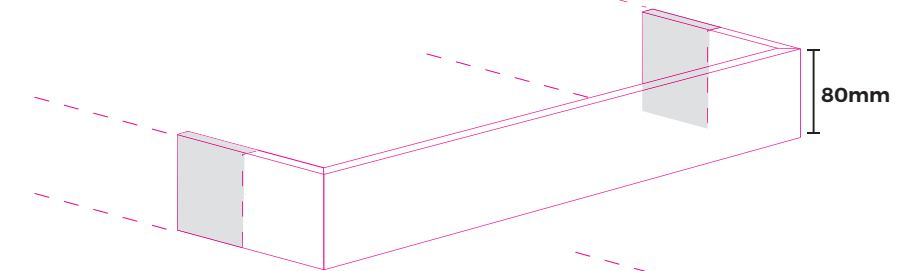
BI FOLD PANEL PELMET TYPES



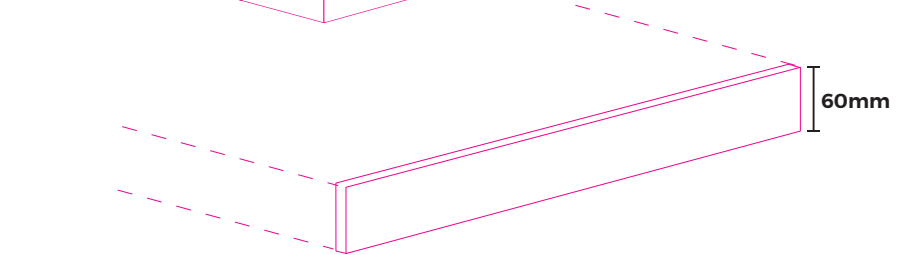
OUT - PELMET
40mm above headboard



SEMI - PELMET
20mm above headboard

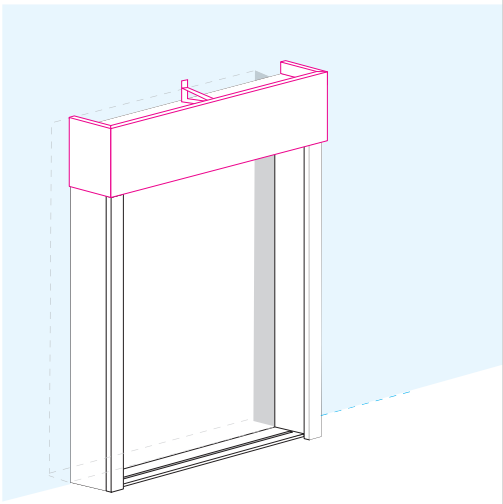
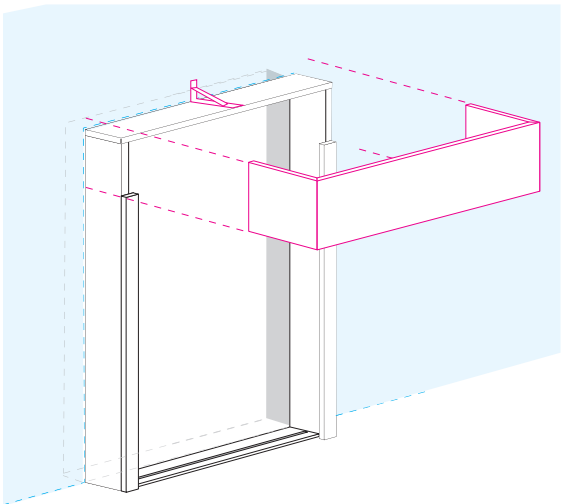
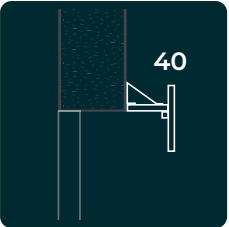


IN - PELMET
Flush to top - no return

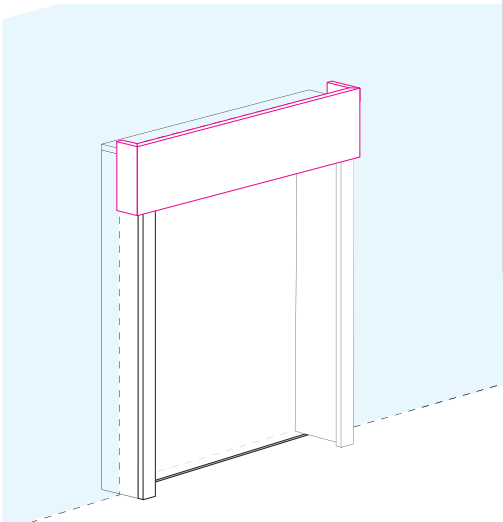
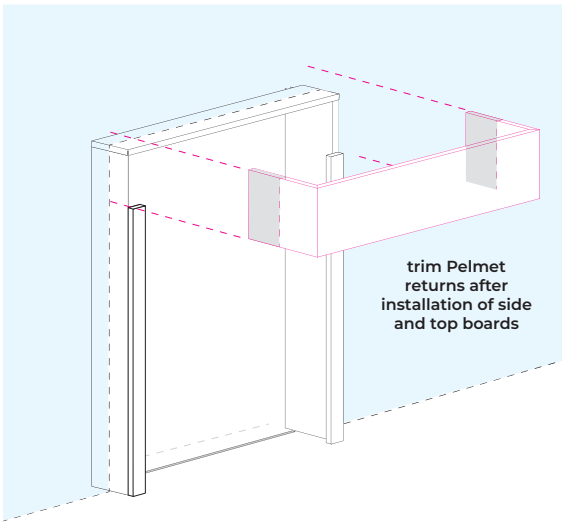
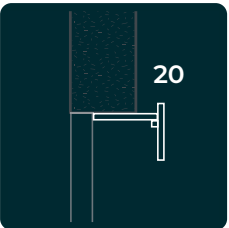


Sliding Panels PELMET TYPE

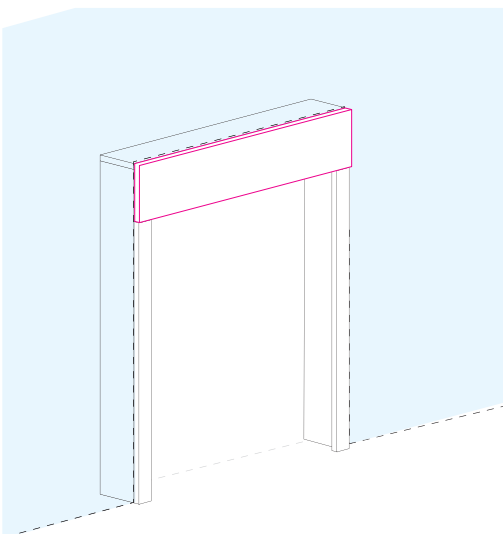
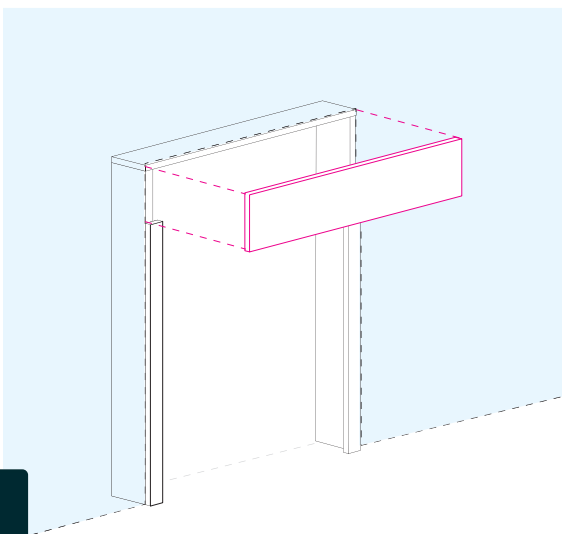
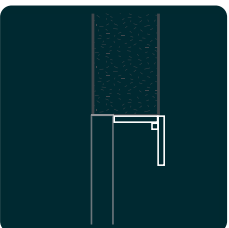
OUT
40MM ABOVE BOARD W/RETURNS



SEMI
20MM ABOVE BOARD W/RETURNS



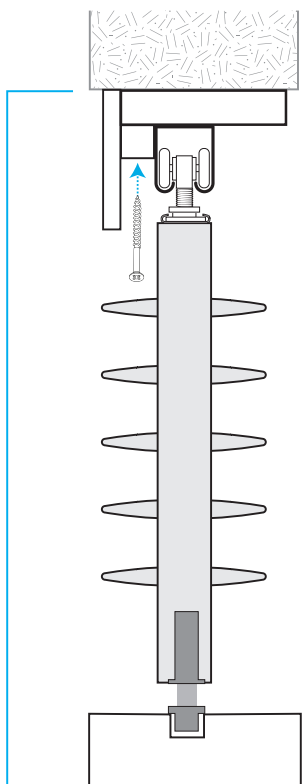
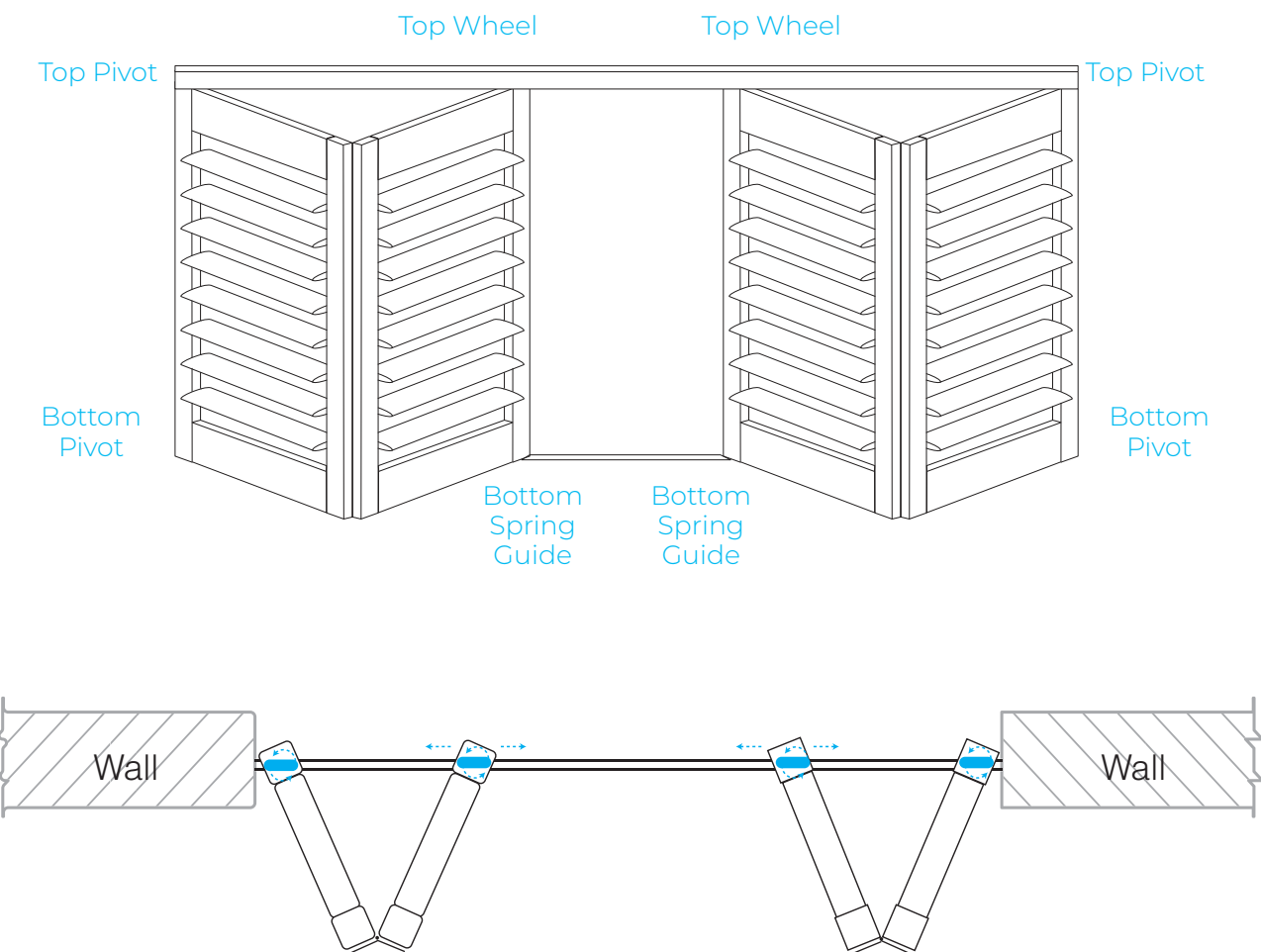
IN / DOUBLE
FRONT AND BACK NO RETURNS



DOUBLE
INTERNAL WALL OPTION NO RETURNS



BI FOLDS OPTIONS

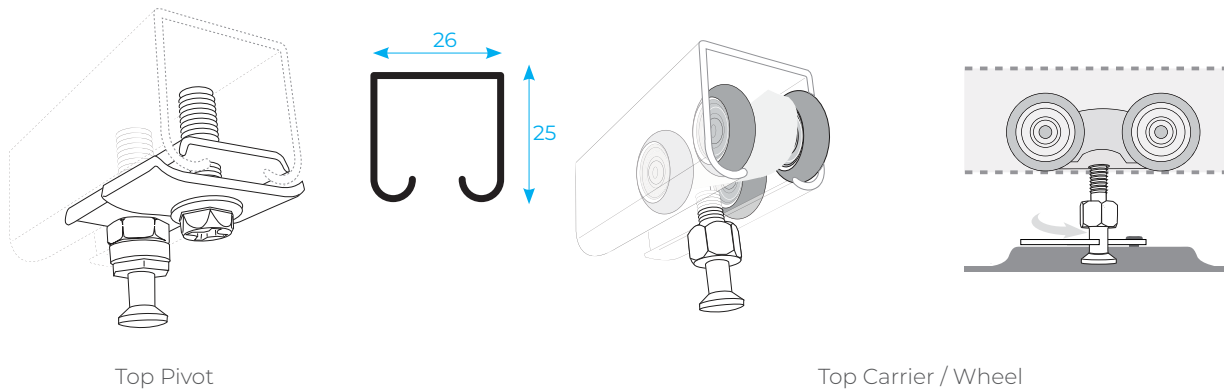


The minimum Frame depth needed for bi-folds is 100mm. This allows for the panels to pivot. If you are face fitting around the outside of an architrave order 120mm frame to allow for the thickness of the architrave.

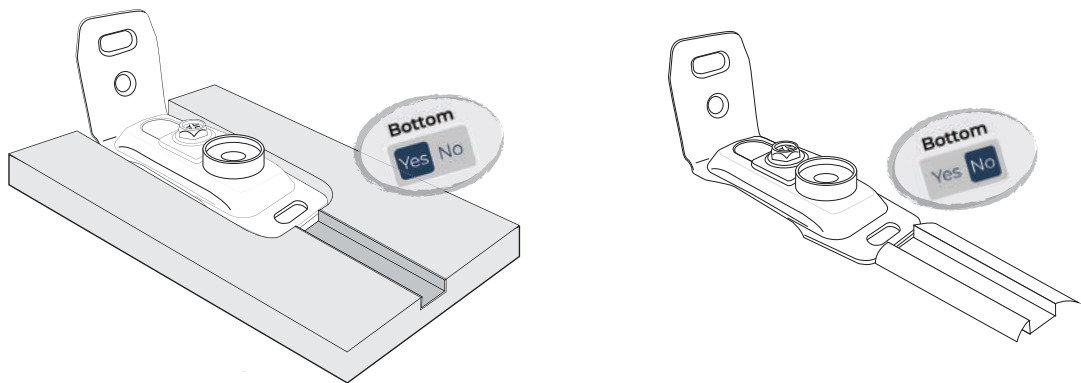
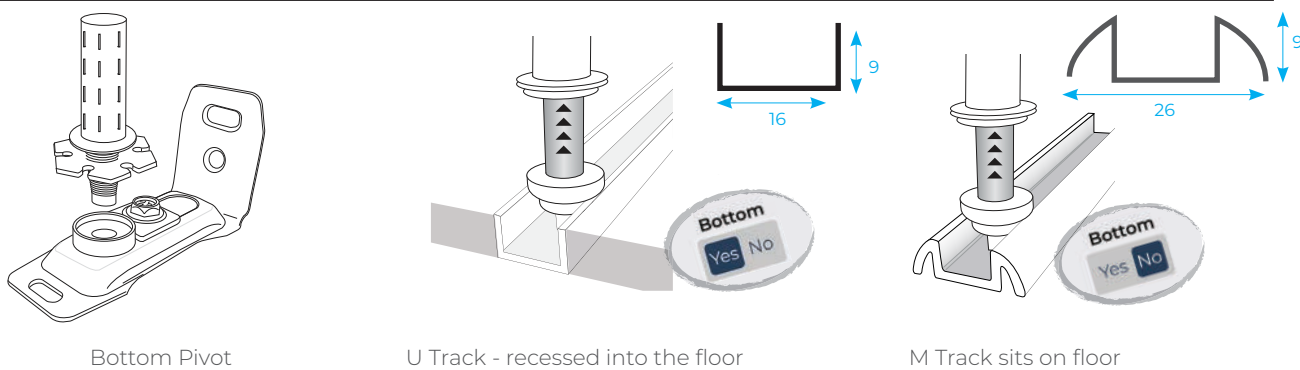


Top Rolling Track System (T25)

top track and Carrier

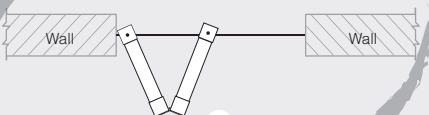


bottom track



DEFAULT

Bi-Fold In:



SPECIAL ORDER REQUEST IN THE NOTES

Bi-Fold Out:



SPECIALTY OPTIONS



French Door



Single Rake



Double Raked



Arched



Circle/Oval



Shaped - Non Standard



Solid Panel

Timber



Basswood
Premium



Paulownia

Thermopoly™



Thermo
Select+25

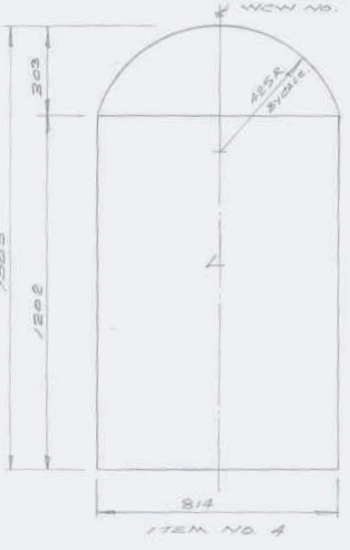
Ordering Specialty Shutters - providing a template

Not all Shaped shutter orders need templates. If the window is raked (All straight edges) or arched with a standard continuous arch it can be measured and drawn in a diagram.

- **Always provide a diagram with your order.**
 - Make sure the diagram sizes match up with the order form and Template (if any).
- **If the shutter needs a template.**

Use one of the following materials (avoid anything that can shrink or crease).

 - Good Quality Kraft / Butchers Paper
 - Roller blind fabric
 - 2-3mm thick MDF board
- **How to handle the Template**
 - Never fold it! – Roll it up and send it in a cardboard tube.
- **Make sure the template is in 1 piece –** if you are joining pieces of material to make a template make sure they are securely joined before you measure the window. Joining them after the fact can cause issues.
- **What should be on the template**
 - Company Name, Order name/No., Item number on order
 - Mark the “Face” of the template
 - Check and write the dimensions on the template. Make sure they agree with the order form.

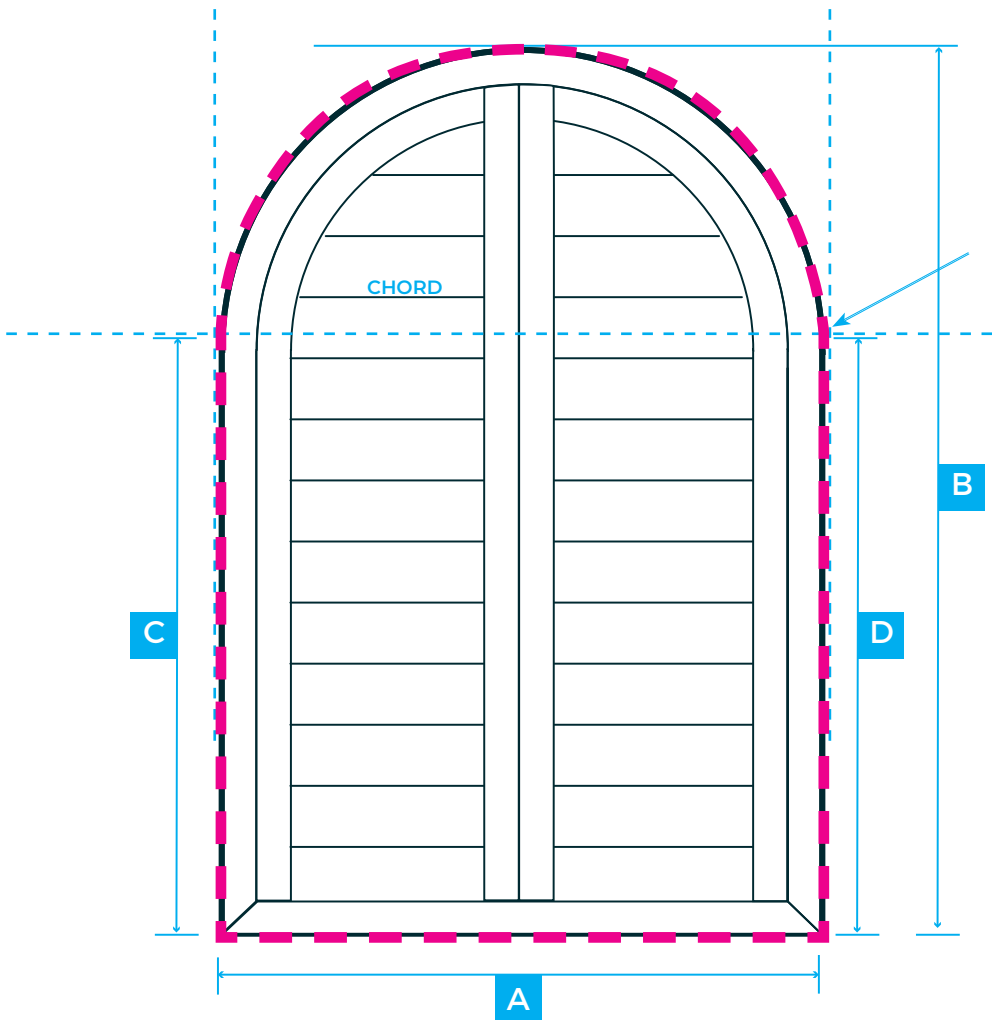


HINT ?
A Picture
is also very
helpful.

You can send a picture of the window with the order. This will help us check if there are any omissions on the order.

SPECIALTY OPTIONS

MEASURING SPECIFICATION_ SUPPLYING A TEMPLATE

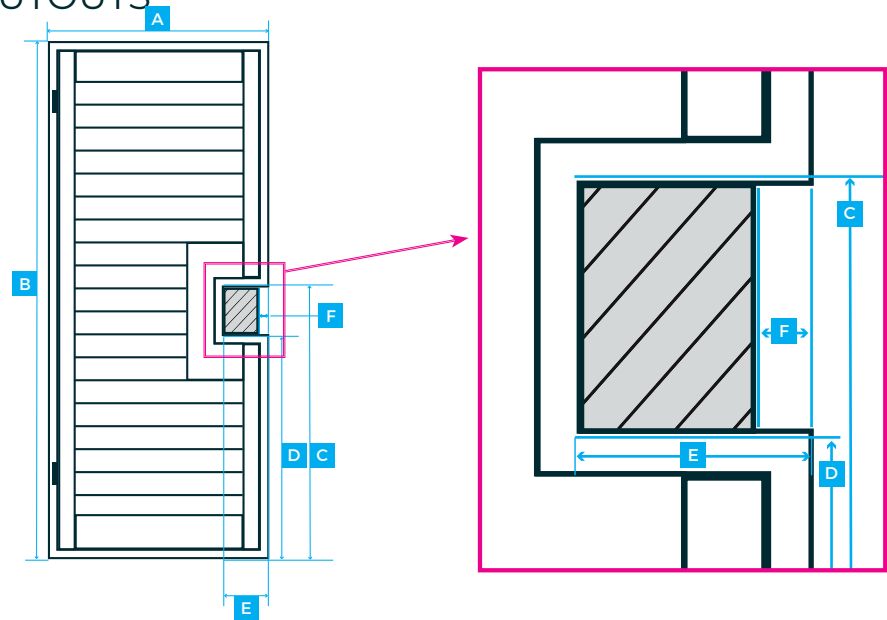


SUPPLY IMAGES_ IMAGE SPEAKS A THOUSAND WORDS



SPECIALTY OPTIONS

FRENCH DOORS CUTOUTS



SPECIFY MEASUREMENTS

A. Overall Width:

B. Overall height:

C. Height to top edge:

D. Height to bottom edge:

E. Width of cutout:

F. Width of rebate:

Not confirmed

☐

• A – Overall Width

• B – Overall height

• C – Height from bottom to top of cut out

• D – Height from bottom to bottom of cut out

• E – Width of cut out

• F – width of rebate of backing plate (if any)

OPTIONS FRENCH DOOR



Cutout Block



Non Cutout Block



Round



Square



Left



Right

Cutout Block

A thin 3mm thick back plate that is at the back of the frame. Designed to allow the handle to operate and still block out the cutout section. If you only need part of the cutout block out you can enter the cutout block rebate in size "F" mentioned above.

Cutout type

Select if you want a Round or Square Cutout

Handle side

Choose what side the handle/cutout is on

HINT ?

Ask for CAD...

On the order details page just before you submit an order you can request we send you the factory CAD drawings before production begins.

This is a good double check for you to make sure the order is correct.

Purchase Order

CAD Drawing:

☒ Not required for approval
☐ Required prior to approval

Additional Notes

Bayview
SERIES 2

Specification Manual - Plantation Shutters copyright © CW Systems
Limited Warranty. Refer to the Terms and Conditions in the Product Manual.

SHUTTER SPECIFICATION

43

SPECIALTY OPTIONS

TOP RAKED

BOTTOM RAKED

SPECIFY MEASUREMENTS

A. Overall Width:

B. Overall Height:

C. Left Height:

D. Right Height:

Not confirmed

☐

• A – Overall Width

• B – Overall height

• C – Left Side Height

• D – Right Side Height

• E – Width (from the left) to opening height.

Hint: Make sure to check that the 90° right angle corners are actually 90°. Also send a diagram showing the sizes along each rake. This is a good check for the factory that all sizes are correct.

OPTIONS SHAPED BLADE END



Horizontal Stepped Blades

Available in Basswood and Paulownia

• The rails are stepped so that the blades are straight cut and not shaped.

• Blades can rotate fully in both directions

• Use standard type blade pins – easily to change a blade



Horizontal Shaped Blades

Available in Basswood, Thermo 25 and Paulownia

• Blades are shaped to suit the shape of the shutter

• Blades and rails are chamfered to allow the blade to rotate

- If the shape is on the top half of the panel the chamfer will be on the back of the panel.

- If the shape is on the bottom half of the panel the chamfer will be on the face of panel.

• You cannot fully rotate the blades. They will fully close and the amount the blades will be able to open depends on the shape.

• Special Pins are used

• If a blade is needed to be replaced, the original blade must be sent back to the factory.



Top Rake



Bottom Rake

Choose if the rake is at the bottom or the top.

L - FRAME

VS

Z - FRAME

Z Frame can give up to 40mm tolerance around the frame for those tricky jobs!

HINT ?

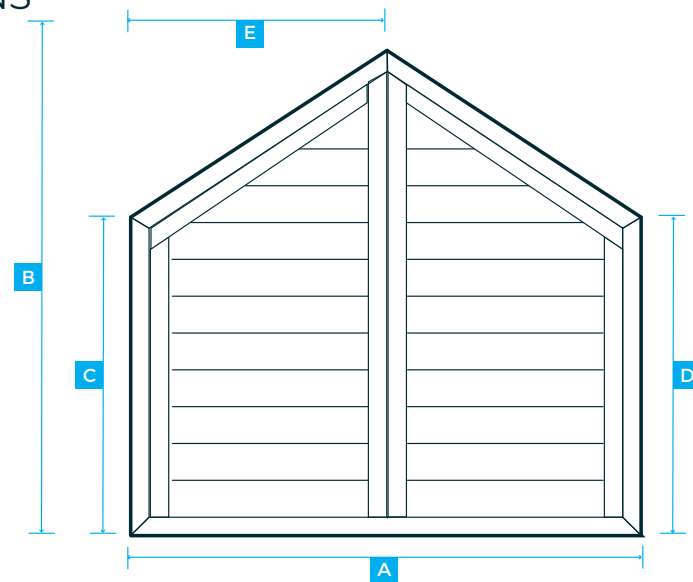
Z frames make it EASY

Specification Manual - Plantation Shutters copyright © CW Systems
Limited Warranty. Refer to the Terms and Conditions in the Product Manual.

Bayview
SERIES 2

SPECIALTY OPTIONS

DOUBLE RAKED OPTIONS



SPECIFY MEASUREMENTS

A. Width:	A. Width	• A – Overall Width
B. Overall Height:	B. Overall Height	• B – Overall height
C. Left Height:	C. Left Height	• C – Left Side Height
D. Right Height:	D. Right Height	• D – Right Side Height
E. Width to Opening Height:	E. Width to Opening Height	• E – Width (from the left) to opening height.

Hint: Make sure to check that the 90° right angle corners are actually 90°. Also send a diagram showing the sizes along each rake. This is a good check for the factory that all sizes are correct.

Not confirmed ☐

OPTIONS SHAPED BLADE END



Horizontal Stepped Blades

Available in Basswood and Paulownia.

- The rails are stepped so that the blades are straight cut and not shaped.
- Blades can rotate fully in both directions
- Use standard type blade pins – easily to change a blade



Horizontal Shaped Blades

Available in Basswood, Thermo 25 and Paulownia.

- Blades are shaped to suit the shape of the shutter
- Blades and rails are chamfered to allow the blade to rotate
 - If the shape is on the top half of the panel the chamfer will be on the back of the panel.
 - If the shape is on the bottom half of the panel the chamfer will be on the face of panel.
- You cannot fully rotate the blades. They will fully close and the amount the blades will be able to open depends on the shape.
- Special Pins are used
- If a blade is needed to be replaced, the original blade must be sent back to the factory.

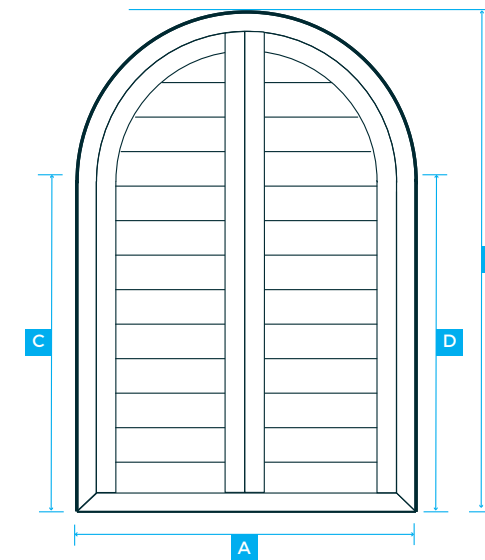
HINT ?
Ask for CAD...

On the order details page just before you submit an order you can request we send you the factory CAD drawings before production begins. This is a good double check for you to make sure the order is correct.

Purchase Order	Purchase Order Number/Name
CAD Drawing:	☒ Not required for approval ☐ Required prior to approval
Additional Notes	Notes

SPECIALTY OPTIONS

ARCHED OPTIONS



HINT ?
Template EXAMPLES



Diagram ONLY
Arch with standard radius



Diagram and Template required
Arch with multiple radius' and / or asymmetrical arch

SPECIFY MEASUREMENTS

A. Width:	A. Width	• A – Overall Width
B. Overall Height:	B. Overall Height	• B – Overall height
C. Left Height:	C. Left Height	• C & D – Height on the sides to where the arch starts to breakaway (spring point). • This could be 0mm on a simple arch. • This can be measured by holding a straight edge along the side of the reveal.
D. Right Height:	D. Right Height	

Hint: If the Arch is a standard continuous arch with one standard radius. A Template may not be needed. If it has multiple radiuses a template is recommended.

Not confirmed ☐

OPTIONS SHAPED BLADE END



Horizontal Stepped Blades

Available in Basswood only

- The rails are stepped so that the blades are straight cut and not shaped.
- Blades can rotate fully in both directions
- Use standard type blade pins
- Easily to change a blade



Horizontal Shaped Blades

Available in Basswood only

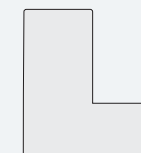
- Blades are shaped to suit the shape of the shutter
- Blades and rails are chamfered to allow the blade to rotate
 - If the shape is on the top half of the panel the chamfer will be on the back of the panel.
 - If the shape is on the bottom half of the panel the chamfer will be on the face of panel.
- You cannot fully rotate the blades. They will fully close and the amount the blades will be able to open depends on the shape.
- Special Pins are used
- If a blade is needed to be replaced, the original blade must be sent back to the factory.



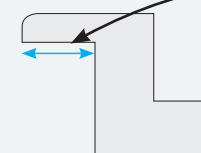
Sunburst blades

Available in Basswood only

- Blades are custom shaped and pivot from a centre point (like the spokes on a bicycle tire)
- All blades rotate individually
- No tilt rod to connect the blades.



L - FRAME
VS
Z - FRAME

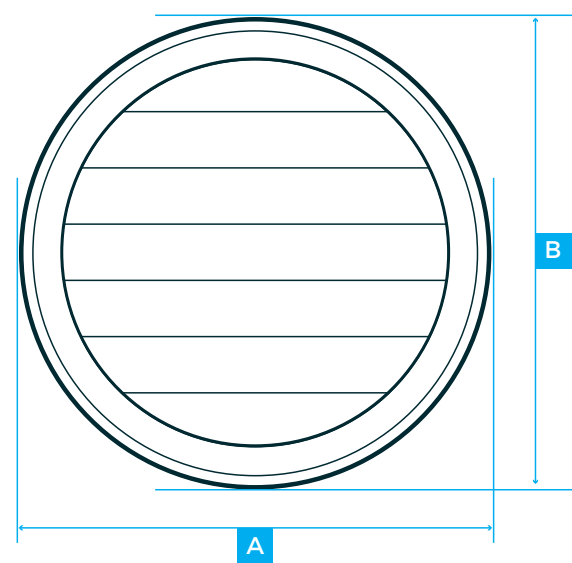


Z Frame can give up to 40mm tolerance around the frame for those tricky jobs!

HINT ?
Z frames make it EASY

SPECIALTY OPTIONS

CIRCLE / OVAL OPTIONS



HINT ?
Template
required

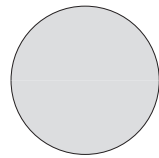


Diagram ONLY
Circle with standard radius

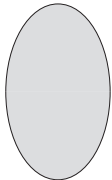


Diagram and
Template required
Circle with multiple radius'
and / or asymmetrical arch

SPECIFY MEASUREMENTS

A. Width:

B. Height:

☐ Not confirmed

OPTIONS SHAPED BLADE END

Horizontal Stepped Blades
Available in Basswood only

- The rails are stepped so that the blades are straight cut and not shaped.
- Blades can rotate fully in both directions
- Use standard type blade pins
- easily to change a blade

Horizontal Shaped Blades
Available in Basswood only

- Blades are shaped to suit the shape of the shutter
- Blades and rails are chamfered to allow the blade to rotate
 - If the shape is on the top half of the panel the chamfer will be on the back of the panel.
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- You cannot fully rotate the blades. They will fully close and the amount the blades will be able to open depends on the shape.
- Special Pins are used
- If a blade is needed to be replaced, the original blade must be sent back to the factory.

Sunburst blades
Available in Basswood only

- Blades are custom shaped and pivot from a centre point (like the spokes on a bicycle tire)
- All blades rotate individually
- no tilt rod to connect the blades.

HINT ?
Ask for
CAD...

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This is a good double check for you to make sure the order is correct.

Purchase Order

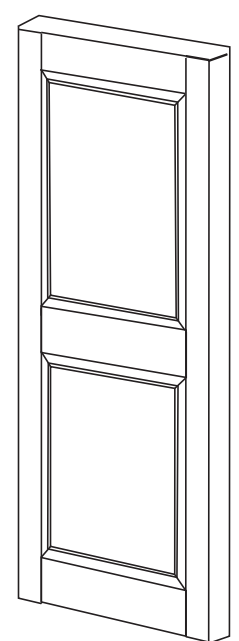
CAD Drawing: ☒ Not required for approval
☐ Required prior to approval

Additional Notes

Notes

SPECIALTY OPTIONS

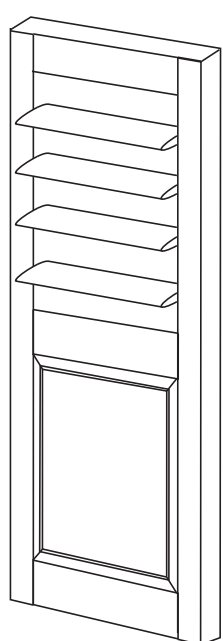
FULL SOLID PANEL



Full Solid panel

Solid infills where blades typically are.
The rail and stiles are assembled the same as standard panels.

HALF SOLID PANEL



Half Solid panel

Typically the bottom half has the solid infills and the top half as standard blades.

FLAT Shaker Style
Solid Basswood infills flat on both sides. Available in painted and stained.

☐ Stain Colours ☐ Solid Paint Colours

RAISED Double Sided
Solid Basswood infills flat on both sides. Available in painted and stained.

☐ Solid Paint Colours

RAISED Single Sided
MDF infills with a bevel edge around the edge of the infill on the face of the panel and a flat finish on the back of the panel. Available in painted only.

☐ Solid Paint Colours

L - FRAME

VS

Z - FRAME

Z Frame can give up to 40mm tolerance around the frame for those tricky jobs!

HINT ?
Z frames
make it
EASY

SPECIFICATION COMPARISON SHEET

General Information		Timber		Thermopoly™
		 Basswood Premium	 Paulownia	 Thermo Select+25
Material		Premium Basswood	Paulownia Timber	Polyresin with Aluminium core
Construction		finger joined, mortise and tenon assembly	finger joined, mortise and tenon assembly	mortise and tenon assembly and solid stiles. aluminium support - all blades, all stiles
Application		indoor, non-wet areas	indoor, non-wet areas	indoor, all areas
Lead Times		6 - 8 weeks	6 - 8 weeks	6 - 8 weeks
Warranty				
Paint, Construction and Material		PAINTED 5yr paint, 5yr construction*	PAINTED 5yr paint, 5yr construction*	THERMO 25 10yr paint, 25yr construction*
		STAINED 3yr paint, 5 yr construction*	BRUSHED / STAINED 3yr paint, 5 yr construction*	SELECT 5yr paint, 20yr construction*
Colours				
Painted (Standard range)		18 painted colours	18 painted colours	THERMO 25 = 15 colour
				SELECT = 3 colours
Stained		11 stain colours	9 stained /brushed colours	not available
Custom Paint Colour		available	not available	T25 light colours only available
				SELECT = not available
Paint Type				
Paint Type		Valspar 2 pac poly	Valspar 2 pac poly	T25 = Valspar 2 pac poly SELECT = Water Based
Stain		hand stained then clear lacquered	Brushed finished	not available
Options				
Tiltrod		clearview, centre, offset and internal tilt	clearview, centre, offset and internal tilt	clearview, centre, offset and internal tilt
Louvre Sizes (mm)		63mm 76mm 89mm 114mm	63mm 76mm 89mm 114mm	63mm 76mm 89mm 114mm
Stiles		 51mm Beaded / Flat  60mm Flat  90mm Flat  51mm Beaded  51mm Flat		 51mm Flat  51mm Beaded
Stile Designs		 Square  Rabbet  D-Mould	 Square  Rabbet  D-Mould	 Square  Rabbet  D-Mould
Solid Panels		available	not available	not available
Shapes				
Raked- Uneven sides, Other shapes (see pricing)		 shaped blades standard. square available.	 shaped blades standard. square available.	T25 shaped ONLY 

Basswood
Premium

FRAME OPTIONS*

BEADED

Selecting beaded or flat stile option will automatically select matching framing

L FRAME 4001A

64mm L FRAME 4001B

76mm L FRAME 4001C

T - POST 7032

BULLNOSE Z FRAME 4003

FLAT

L FRAME 4007A

64mm L FRAME 4007B

76mm L FRAME 4007C

T - POST 7001

DECO Z FRAME 4004

FACE FIT

The Face Fit Frame & Hang Strips will be pre-drilled with a 4mm hole, in approx. 300mm intervals.

46mm L FRAME F/F 4008A

64mm L FRAME F/F 4008B

76mm L FRAME F/F 4008C

100mm L FRAME F/F 4008T

DECO L FRAME F/F 4009

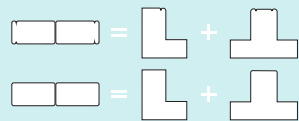
TOP & BOTTOM U CHANNEL 4005T2 4005B2

SPECIFICATION COMPARISON SHEET

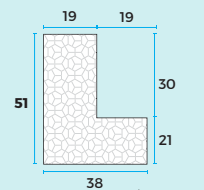


FRAME OPTIONS*

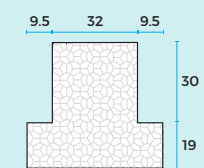
Selecting beaded or Flat stile option will automatically select matching framing



FLAT

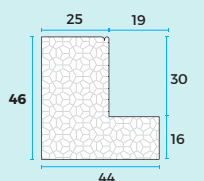


L FRAME P4007A

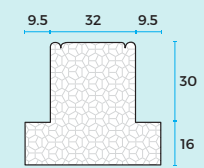


PLAIN T POST P7030

BEADED



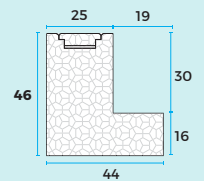
L FRAME P4001N



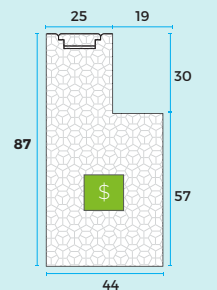
BEADED T POST P7032

FACE FIT

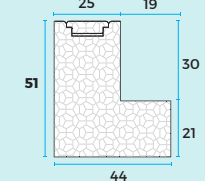
The Face Fit Frame & Hang Strips will be pre-drilled with a 4mm hole, in approx. 300mm intervals.



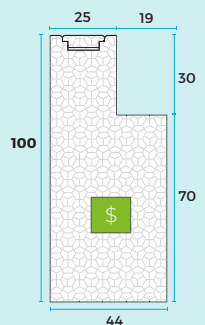
46mm L FRAME F/F P4008K



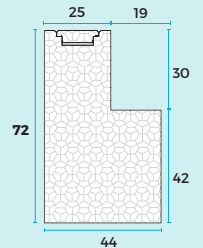
87mm L FRAME F/F P4008T



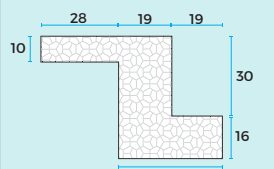
51mm L FRAME F/F P4008H



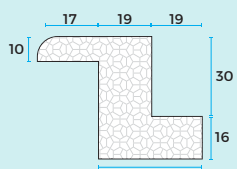
100mm L FRAME F/F P4008W



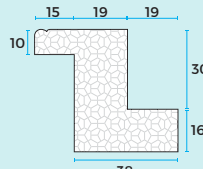
72mm L FRAME F/F P4008S



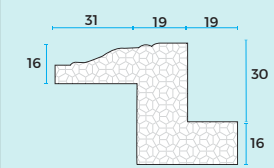
PLAIN Z FRAME P4073



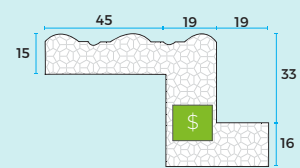
BULLNOSE Z FRAME P4033



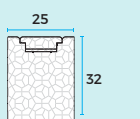
TEXAS Z FRAME P4013



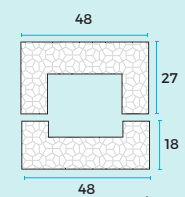
COLONIAL Z FRAME P4043



FANCY Z FRAME P4014



HANG STRIP HS25325



TOP & BOTTOM U CHANNEL 4002T2 4002B2

PANEL SPECIFICATIONS

		Timber		Thermopoly™	
		 Basswood Premium	 Paulownia	 Thermo Select+25	
		Basswood	Paulownia	Polyresin with Aluminium core	
Max Width      	Hinged panel - standard	950mm	950mm	900mm	
	Hinged panel w/ 90mm stile	1050mm	N/A	N/A	
	Bifold panel (with track)	650mm	600mm	600mm	
	Double hinged panel	550mm	550mm	450mm	
	Sliding/Fixed panel	1050mm	1050mm	900mm	
	Sliding/fixed w/ Centre Stile	1250mm	1250mm	N/A	
Max Height     	Panel Height	3000mm	3000mm	2400mm	
	Mid-rail required	1800mm	1800mm	1500mm	
	2nd Mid Rail required	2400mm	2400mm	2400mm	
	Clearview Tilt rod length	1200mm	1200mm	1200mm	
	Internal Tilt length	1100mm	1100mm	1100mm	
Min  	Shortest panel (please check with us for Blade qty)	260mm	260mm	260mm	
	Narrowest panel	200mm	200mm	200mm	
Frame Material		 Basswood Premium	 Paulownia	 Thermo 25	 Thermo Select
Basswood Frame Paulownia Frames not available			STANDARD	SURCHARGE 	SURCHARGE  N/A
Thermopoly™ Refer to Thermo25 & Thermo Select frames options			STANDARD	STANDARD	STANDARD LIMITED OPT

*"Mid rails are recommended on all Thermo25 panels higher than 1600mm, the absence of mid rails may cause issues with closure particularly on wide double hinged panels. (LL or RR). Please also be advised that sagging on panels over 1600mm in height with no mid rail is not covered by warranty as this is outside of the specified product guidelines and intended product use."

