

# POLY PRODUCT & ORDERING GUIDE







## TWO GUIDELINES

Orders that are released to TWO are processed in the most timely manner possible. As such, any changes made to an order once it is released to TWO cannot be guaranteed to be applied if the order is already in production. Initial costs, cancellations or any change costs will be the responsibility of the dealer to cover.

All drawings, notes and emails with questions must be answered before an order is entered in to the production line. Delays in the timely processing of these by customers will lead to longer lead times.

All factory/freight repairs are to have photographic/video proof. If neither are available at the time of placing the repair, it will be processed as a dealer responsibility. TWO will credit back the cost of the repair once proof of factory/freight responsibility is given.

For special request/non-standard/limited availability items please check first with Head Office for availability. Any surcharges for these items will be the responsibility of the dealer to cover, even if it is not listed on the price list.

PDF Estimates generated from the system may not reflect final pricing. If all items are not selected in the order form, or details are added to the notes section that may alter the price.

All dealers are responsible for having the most current price lists and product manuals. If unsure please contact your sales representative to confirm.

### **COLOUR OPTIONS**

#### PAINTED COLOURS:

The following 8 colours, are TWO's new standard painted colour range, available to order from the 14 December 2023. Contact your Account Manager to order fandeck swatching.



#### OLD PAINTED COLOURS

The old painted colour range will be available until further notice.



Please ensure that you have the most up to date swatching as colors may vary between supplied decks. Contact your sales representative to order new swatching if needed.

## **COLOUR OPTIONS**

#### **CUSTOM COLOURS:**

Choose from the Dulux World of Colour Series II fan deck.

IMPORTANT NOTE: Custom colours are matched to the Dulux World of Colour fan deck. If you are unsure if the requested colour is from this deck it is best to supply a sample that will be sent to our factory for colour matching.

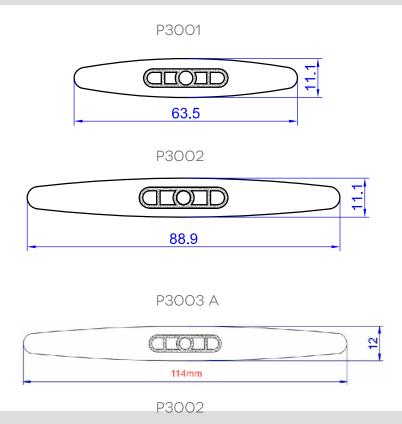
CUSTOM BLACK COLOURS: We no longer accept custom black colour orders for Highprofile Poly PVC shutters.

As black colours absorb more heat, the shutter is more likely to losing structural integrity when exposed to prolonged UV rays.

As an alternative, we recommend selling Highprofile Avenir interior aluminium shutters. They are available in a matt powder-coat Night Sky (Colour code M106) or custom colours.



## **BLADE SIZES**



## HINGE COLOURS

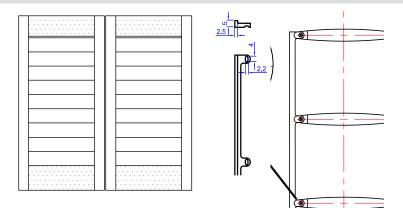
#### **New Colours**

Panel Colour	Hinge Colour
Dulux Vivid White	White
Dulux Lexicon	White
Dulux Lexicon Quarter	White
Dulux Natural White	White
Dulux Antique White USA	lvory
Dulux Hog Bristle Quarter	lvory
Dulux Whisper White	lvory

#### **Old Colours**

Panel Colour	Hinge Colour
Alabaster	lvory
Antique White	White
Clotted Cream	lvory
Dove	Ivory
Grey	Stainless Steel
Ivory	lvory
Pearl	lvory
Sandy Day	Stainless Steel
Shell	White
Silk White	White
Whisper White	White
White	White

## TILT RODS



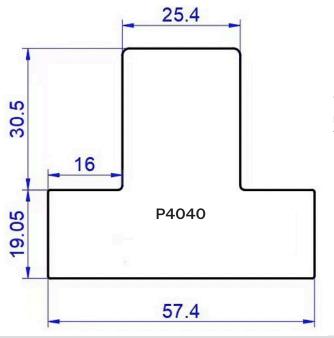
#### **CLEARVIEW**

Best option for an uninterupted view. Default Position: Rear of panel on hinged side.

#### TRADITIONAL CENTER

The classic timber tilt rod. Default Position: Front of panel

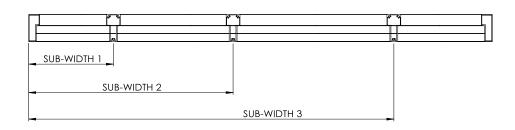
## T-POST



Available for all Poly frames.

Note: Max length of posts is 3000mm. For lengths requested longer, they will be supplied cut in half by default.

## UNEVEN PANEL WIDTHS



#### MID-RAIL

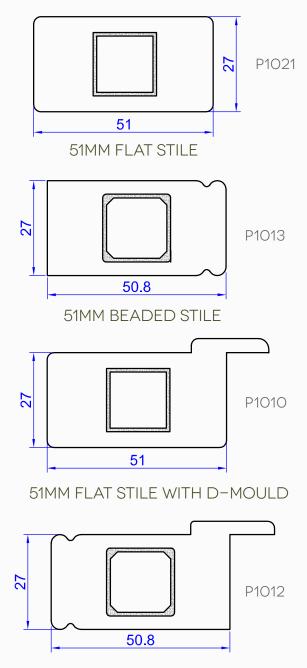
#### **HOW TO MEASURE:**



You can now select a mid rail location that is critical within 20mm up or down. This will allow the factory to automatically adjust the mid rail if necessary (within 20mm +/-), to ensure the top and bottom rails are within workable limits.

By selecting a critical mid rail position allowing for a 20mm +/-adjustment, means the factory will not need to ask for approval from you, and you will not need to request a drawing, speeding up the order process.

### STILE



### SPLIT ROTATION

Split Rotation is when the tilt rod is divided so that the blades can be operated in different sections. The split rotation is measured from the bottom of the opening to the requested split point. Each section has a tension screw so you can adjust the tension for each bank of blades.

If no height is specified, the factory will automatically split the tilt rod when the height exceeds a certain limit. This ensures the structural integrity of the blades and proper blade closure. Check the warranty sheet for more details.

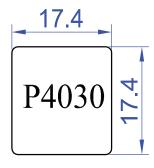
To request a split rotation when ordering, enter one of the following options in the Split Rotation Height field:

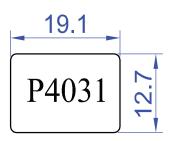
- · 1/2
- 1/2 above midrail (if the item has a midrail)
- 1/2 below midrail (if the item has a midrail)
- 3 equal sections
- 1/2 above and below midrail (if the item has a midrail)
- Or enter the specific measurement you need.



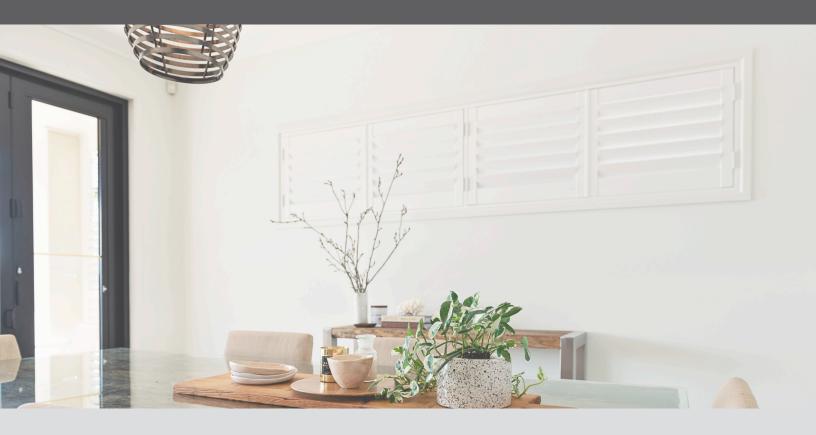
### **PVC PACKERS**

Max length of packers is 3000mm. For lengths requested longer, they will be supplied cut in half by default.





## INSTALLATION METHOD: HINGED OPTIONS



## BEFORE YOU ORDER

#### MINIMUM REVEAL DEPTHS\*

\*Be sure to always measure from the most protuding object in the reveal.

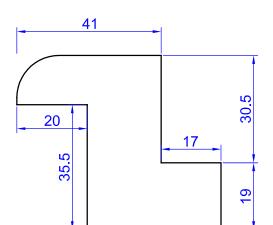
	64mm Blade	89mm Blade
	Clearview	Clearview
L Frame	54	67
Z Frame	39	52

#### LIMITATIONS

Installation	Width				Н	eight	Panel Breaks		
Method	Min	Max	Max Non Warranty	Min	Max	Max Non Warranty	Mid-Rail(s) Required		nate Split y Blade Size
								64	89
Hinged in L or Z Frame	250	900	950	400	2700	N/A	1800	1100	1300
Double Hinged	250	400	450	400	2700	N/A	1800	1100	1300
Note: The factory will automatically split the tilt if ordered sizes exceed factory standards						x No. of Blades P	er Tilt Rod	15	11

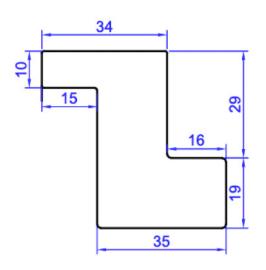
## INSTALLATION METHOD: HINGED

HINGED: Z FRAME STANDARD Z (P4022)

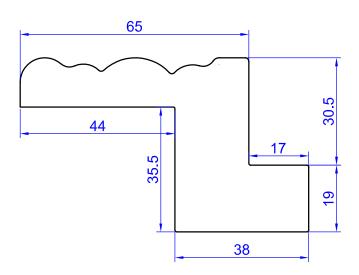


38

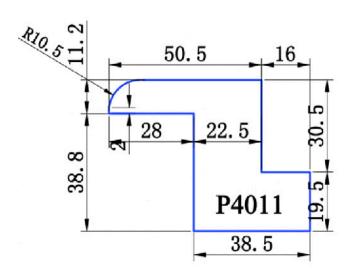
HINGED: Z FRAME FLAT Z (P4023)



HINGED: Z FRAME DECO Z (P4008)



HINGED: Z FRAME LARGE LIP (P4011)

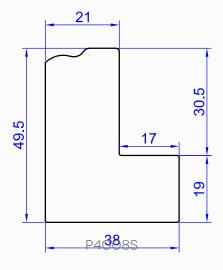


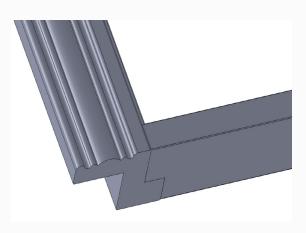
Note - Only poly frames are available with this product range, no timber frames. Max length of frames is 3000mm. For lengths requested longer, they will be supplied cut in half by default.

## INSTALLATION METHOD: HINGED

#### **OPTION: SILL PLATES**

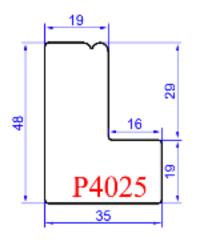
A Sill Plate is simply an L Frame used for one or more sides of the frame, where a Z frame will not fit. For example: a window with a Sill, cannot use a Z frame on the sill side, so a Sill Plate is used. To order, choose Sill Plate in Frame Options drop down field.





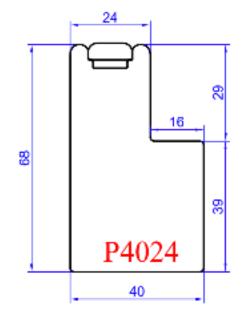
## INSTALLATION METHOD: HINGED

HINGED: L FRAME BEADED L 48MM (P4025)

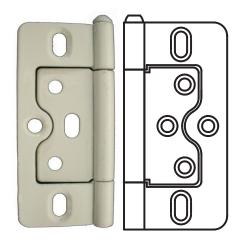


Disclaimer: Please be aware that the Beaded L 47mm Frame does not have sufficient frame depth if used with the 89mm blade when fitted flush with the wall for blade rotation.

HINGED: L FRAME INSERT L 68MM (P4024)

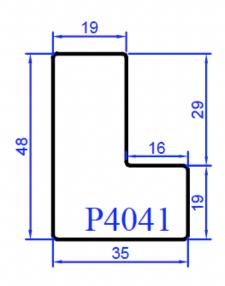


HINGED: NO FRAME NON-MORTISE HINGE

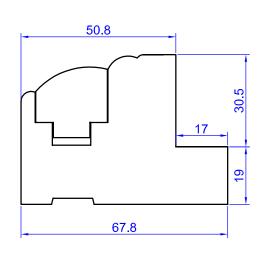


Hinge Colour	Code
White	HB100
Ivory	HB103
Stainless Steel	HB201
Black	HB207

HINGED: L FRAME FLAT L 48MM (P4O41)



HINGED: FACE FIT DECO (P4002)

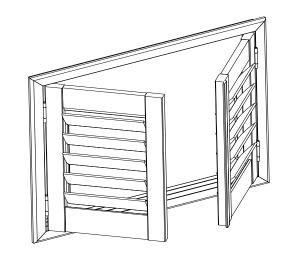


BI-FOLD HINGE Stainless Steel

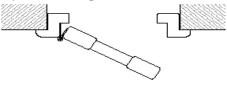


# AVAILABLE PANEL CONFIGURATIONS: HINGED IN L OR Z FRAME

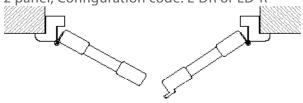




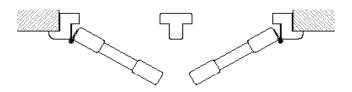
1 panel, Configuration code: L or R



2 panel, Configuration code: L-DR or LD-R



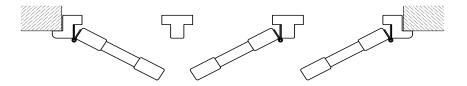
2 panel with T Post, Configuration code: LTR



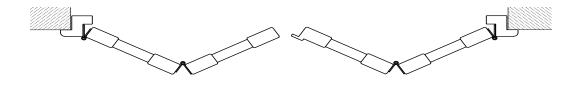
3 panel, Configuration code: L-DRR or LLD-R



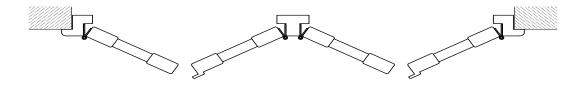
3 panel with T post, Configuration code: LTRTR or LTLTR



4 panel, Configuration code: LL-DRR or LLD-RR



4 panel with T post, Configuration code: L-DRTL-DR or LTRTLTR



# AVAILABLE PANEL CONFIGURATIONS: HINGED NO FRAME

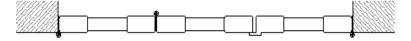
1 panel Configuration code: L or R



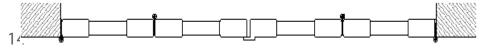
2 panel, Configuration code: L-DR or LD-R



3 panel, Configuration code: LL-DR or LD-RR



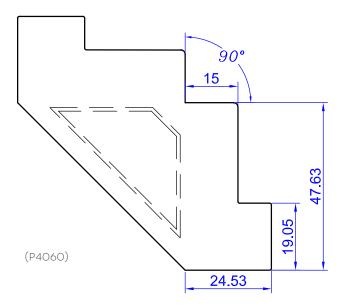
4 panel, Configuration code: LL-DRR or LLD-RR



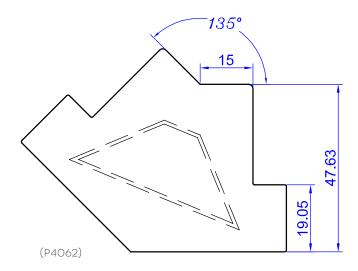
## HINGED SHUTTERS IN BAY OR CORNER WINDOW:

### AVAILABLE IN HINGED L OR Z FRAMES

#### **CORNER POST**



#### **BAY POST**

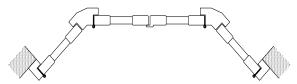


Follow instructions for Hinged in L Frame or Hinged in Z Frame

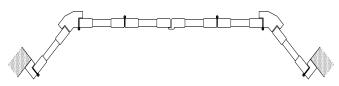
Make sure Corner Angle is 90 degrees Make sure Bay Angle is 135 degrees

## PANEL CONFIGURATION EXAMPLES

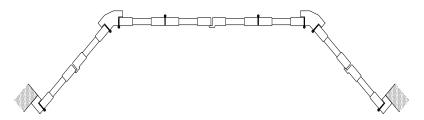
4 panel, Configuration code: LBL-DRBR



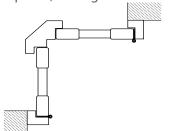
6 panel, Configuration code: LBLL-DRRBR



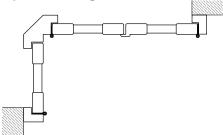
8 panel, Configuration code: L-DRBLL-DRRBL-DR



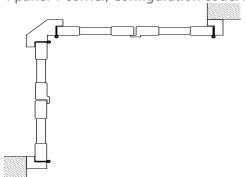
2 panel, Configuration code: LCR



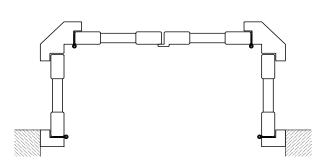
3 panel, Configuration code: LCL-DR or LD-RCR



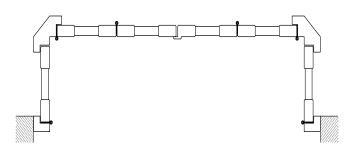
4 panel 1 corner, Configuration code: LD-RCL-DR



4 panel 2 corners, Configuration code: LCL-DRCR



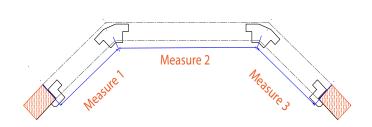
6 panel 2 corner, Configuration code: LD-RCL-DRCL-DR or LCLL-DRRCR

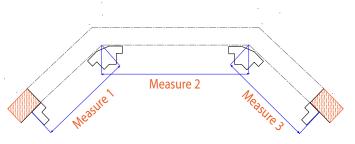


### HOW TO MEASURE

#### Bay Window: Inside Mount (L or Z)

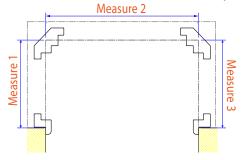


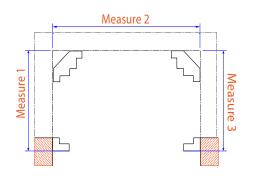




#### Corner Window: Inside Mount (L or Z)

Corner Window: Outside Mount (L Only)

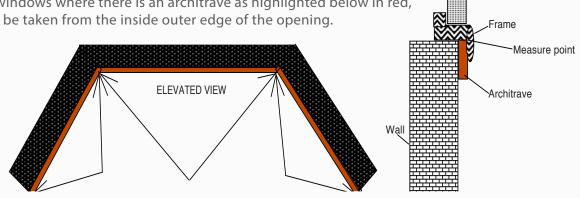




Panel

#### **OUIRKS: USING A Z FRAME**

In both Bay and Corner windows where there is an architrave as highlighted below in red, the measurements must be taken from the inside outer edge of the opening.



**IMPORTANT NOTE:** When placing your order online always work from left to right of the opening. Sub-Width 1 = Measure 1. Sub-Width 2 = Measure 1 + Measure 2 Measure 3 is the total width i.e Measure 1 + Measure 2 + Measure 3

## INSTALLATION METHOD: FIXED

USED WHEN SHUTTERS ARE REQUIRED TO BE FIXED IN POSITION. REVEAL MOUNT ONLY



## BEFORE YOU ORDER

#### MINIMUM REVEAL DEPTHS\*

\*Be sure to always measure from the most protuding object in the reveal.

	64mm Blade	89mm Blade	
	Clearview	Clearview	
Fixed	54	67	

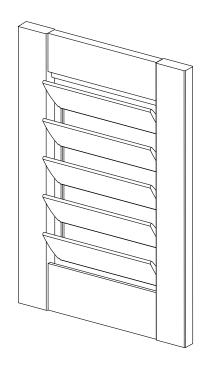
#### LIMITATIONS

Installation	Width				Н	eight	Panel Breaks		
Method	Min	Max	Max Non Warranty	Min	Max	Max Non Warranty	Mid-Rail(s) Required	Approxim Rotation by	
								64	89
Fixed	250	900	950	400	2700	N/A	1800	1100	1300
Note: The factory will automatically split the tilt if ordered sizes exceed factory standards						x No. of Blades P	er Tilt Rod	15	11

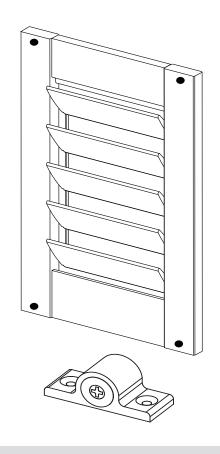
### AVAILABLE FIXED OPTIONS

## FIXED WITH BEADING BLADES OPERATIONAL

## FIXED WITH BULLET MAGNETS PANEL ABLE TO BE REMOVED

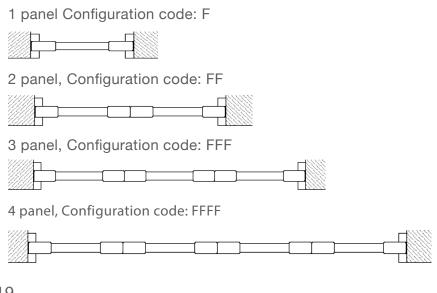


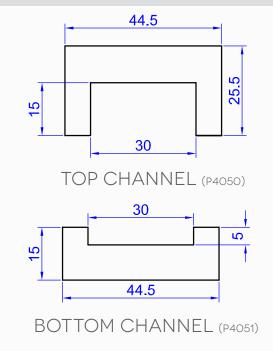
Disclaimer: Please be advised Fixed with Beading is not advised for wet areas as the timber may warp with time.



#### PANEL CONFIGURATIONS

## **CHANNELS**





# INSTALLATION METHOD: MULTI-FOLD used to completely fold shutters away from opening when an unobstructed

VIEW IS REQUIRED. REVEAL AND FACE MOUNT APPLICATIONS



## BEFORE YOU ORDER

#### MINIMUM REVEAL DEPTHS\*

\*Be sure to always measure from the most protuding object in the reveal.

	64mm Blade	89mm Blade		
	Clearview	Clearview		
Multi-Fold	100	100		

The maximium length of any pelmet, sideboard or bottom board is 3600 mm. For lengths requested longer, they will be supplied cut in half by default.

#### LIMITATIONS

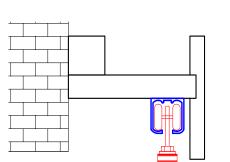
Installation	Width				Нє	eight	Panel Breaks		
Method	Min	Max	Max Non Warranty	Min	Max	Max Non Warranty	Mid-Rail(s) Required	Approxim Rotation by	
								64	89
Multi-Fold	250	550	600	400	2700	N/A	1800	1100	1300
Note: The factory wil			split the tilt if ord andards	ered	Ma	x No. of Blades P	15	11	

20

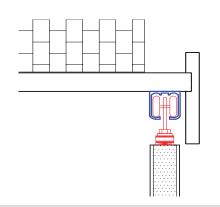
### **AVAILABLE MOUNTS**

FACE MOUNT

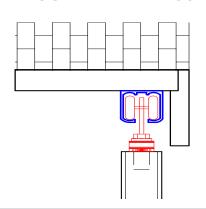
FASCIA DEPTH = 95MM



SEMI-REVEAL FASCIA DEPTH = 95MM

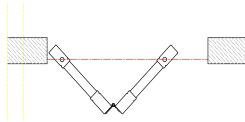


REVEAL MOUNT FASCIA DEPTH = 65MM

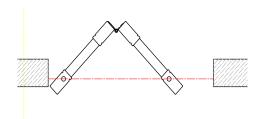


#### AVAILABLE FOLD PATTERNS

STANDARD FOLD SHUTTERS FOLD INTO THE ROOM



REVERSE FOLD SHUTTERS FOLD AWAY FROM THE ROOM

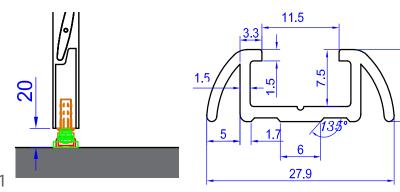


#### **BOTTOM TRACK OPTIONS**

SURFACE MOUNT BOTTOM TRACK WITH NO BOTTOMBOARD

#### NO BOTTOM TRACK

TWO STRONGLY ADVISES AGAINST THIS OPTION. THIS WOULD BE A NON-WARRANTY ITEM.

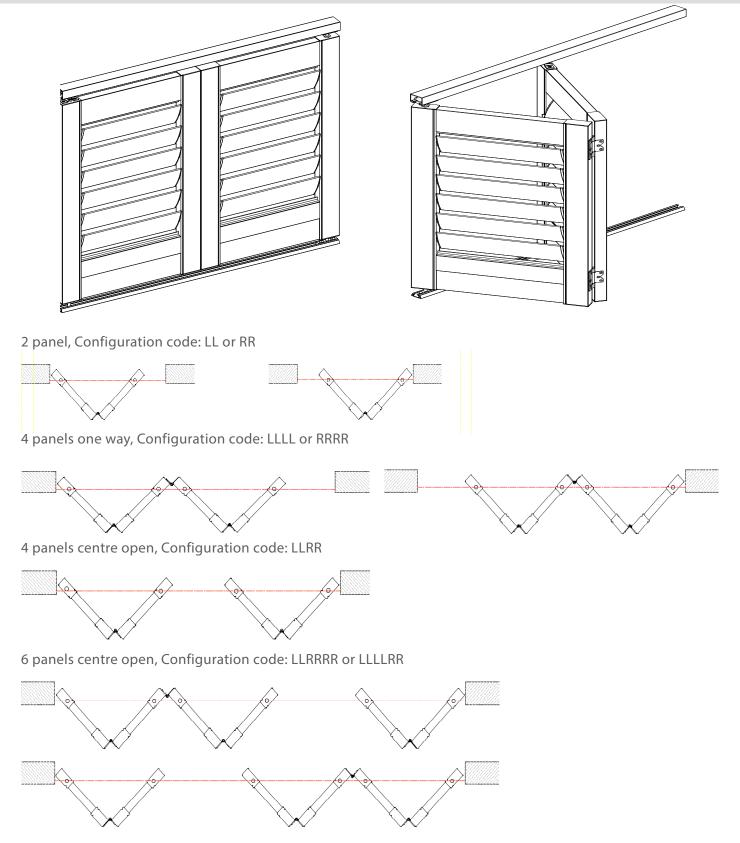


#### SIDEBOARDS

SIDEBOARDS ARE MANDA-TORY FOR BOTH SLIDING AND MULTI-FOLD INSTAL-LALTION METHODS. OR-DERS PLACED WITHOUT SIDEBAORDS WILL BE A NON-WARRANTY ITEM.

ALL PELMETS AND SIDE-BAORDS WILL BE SUPPLIED IN MDF.

## AVAILABLE PANEL CONFIGURATIONS



Warranty Note: The maximum number of panels folding in one direction is four.

Panel configurations are to be an even numbers and move in pairs. This ensures that each panel is able to be secured in the opening.

# INSTALLATION METHOD: SLIDING used most commonly to cover sliding doors. Reveal and face mount applications.



## BEFORE YOU ORDER

#### MINIMUM REVEAL DEPTHS\*

\*Be sure to always measure from the most protuding object in the reveal.

	64mm Blade	89mm Blade
	Clearview	Clearview
2 Track Slider - Blades Closed	180	180
2 Track Slider - Blades Open	180	220

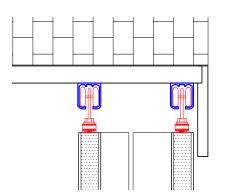
The maximium length of any pelmet, sideboard or bottom board is 3600 mm. For lengths requested longer, they will be supplied cut in half by default.

#### LIMITATIONS

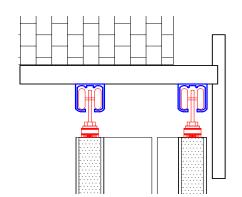
_	LIMITATIONS										
	Installation	Width			Height			Panel Breaks			
	Method	Min	Max	Max Non Warranty	Min	Max	Max Non Warranty	Mid-Rail(s) Required		nate Split y Blade Size	
									64	89	
	Sliding	250	900	950	400	2700	N/A	1800	1100	1300	
	Note: The factory will sizes ex			split the tilt if ord andards	Ma	x No. of Blades Po	er Tilt Rod	15	11		

## **AVAILABLE MOUNTS**

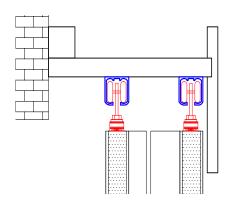
REVEAL FASCIA DEPTH = 95MM



SEMI-REVEAL FASCIA DEPTH = 140MM



FACE FASCIA DEPTH = 140MM



Reveal Mount: Pelmet is fixed into the opening and the headboard is screwed up into the opening. The fascia will sit flush with the front of the opening and will not have returns.

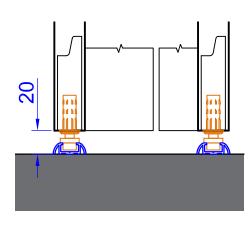
Semi-Reveal Mount: Pelmet is fixed half in the opening and half out of the opening and the headboard is screwed up into the opening. A face mount and returns are supplied. The reveals will stop short of the width of the pelmet and hit the face of the opening.

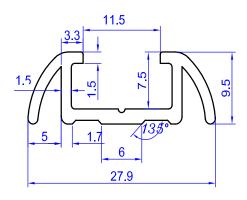
Face Mount: Pelmet is fixed on to the outside of the opening, normally above the architrave. The headboard is attached using a 30x30 cleat. Fascia and full length returns are supplied.

#### **BOTTOM TRACK OPTIONS**

#### SIDEBOARDS

#### SURFACE MOUNT BOTTOM TRACK WITH NO BOTTOMBOARD

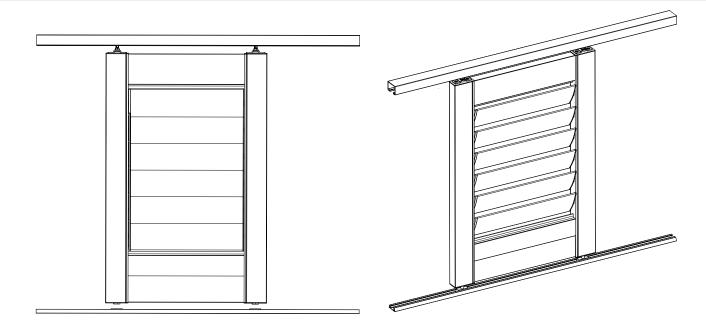




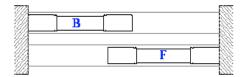
SIDEBOARDS ARE MANDA-TORY FOR BOTH SLIDING AND MULTI-FOLD INSTAL-LALTION METHODS. OR-DERS PLACED WITHOUT SIDEBAORDS WILL BE A NON-WARRANTY ITEM.

ALL PELMETS AND SIDE-BAORDS WILL BE SUPPLIED IN MDF.

### AVAILABLE PANEL CONFIGURATIONS

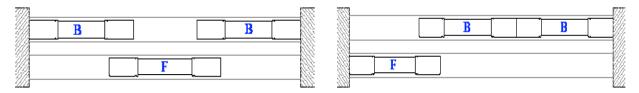


2 panels on 2 tracks, Configuration code: BF or FB

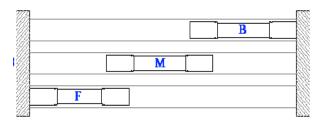


**Note:** Single panels sliding on 1 Track are denoted with a "S" for one panel, and a "SS" for 2 panels on a single track.

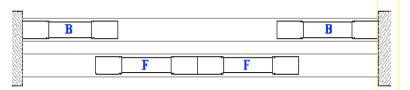
3 panels on 2 tracks, Configuration code: BFB or FBF or FBB or BBF



3 panels on 3 tracks, Configuration code: BMF or FMB NOTE: 3 tracks only available with blades closed option

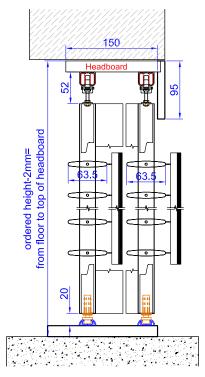


4 panels on 2 tracks, Configuration code: BFFB or FBBF

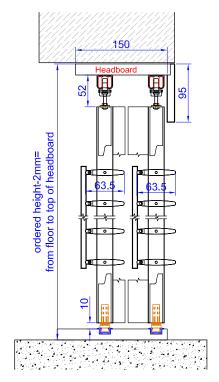


**Important Note on Joined Panels:** Joined panels will be hinged together with the hinge knuckle facing back as the aluminum core in the stile prevent the use of the doweled option.

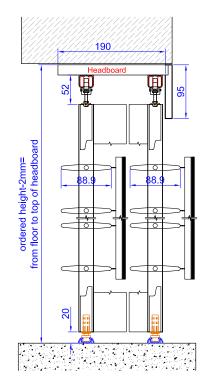
# SLIDING BLADES OPEN, REVEAL MOUNT SPECIFICATION DRAWINGS



Blade: 64mm Blade Tilt Rod: Center Rotation Bottom Track: Surface Mount Track

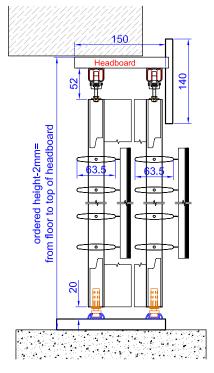


Blade: 64mm Blade Tilt Rod: Clearview Rotation Bottom Track: Recessed Track

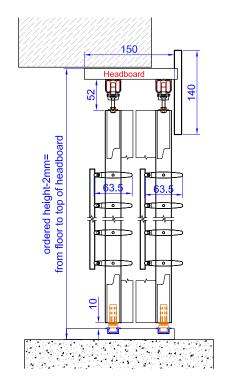


Blade: 89mm Blade Tilt Rod: Center Rotation Bottom Track: Surface Mount Track

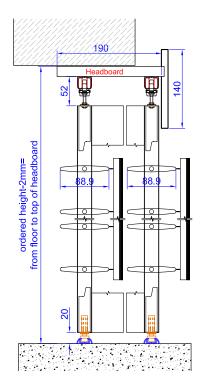
# SLIDING BLADES OPEN, SEMI-REVEAL MOUNT SPECIFICATION DRAWINGS



Blade: 64mm Blade Tilt Rod: Center Rotation Bottom Track: Surface Mount Track

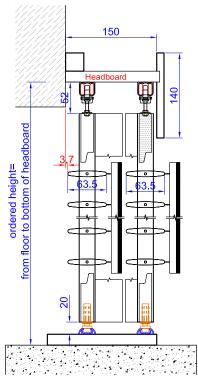


Blade: 64mm Blade Tilt Rod: Clearview Rotation Bottom Track: Recessed Track

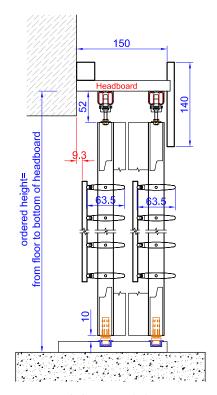


Blade: 89mm Blade Tilt Rod: Center Rotation Bottom Track: Surface Mount Track

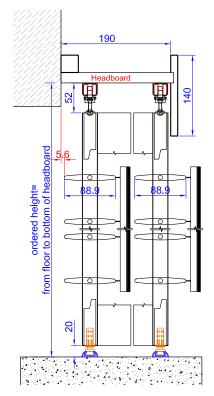
# SLIDING BLADES OPEN, FACE MOUNT SPECIFICATION DRAWINGS



Blade: 64mm Blade Tilt Rod: Center Rotation Bottom Track: Surface Mount Track

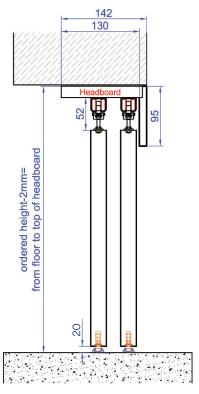


Blade: 64mm Blade Tilt Rod: Clearview Rotation Bottom Track: Recessed Track

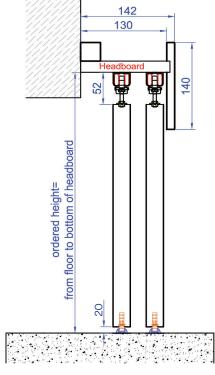


Blade: 89mm Blade Tilt Rod: Center Rotation Bottom Track: Surface Mount Track

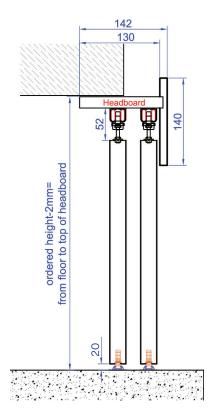
# SLIDING BLADES CLOSED, ALL MOUNTS AND BLADE SIZES SPECIFICATION DRAWINGS



Mount: Reveal Bottom Track: No Track, Guide Only



Mount: Face Bottom Track: No Track, Guide Only



Mount: Semi-Reveal Bottom Track: No Track, Guide Only

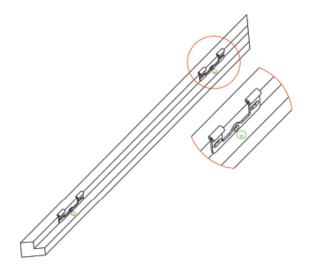
## PRE-DRILLING OF FRAMES

If requested in Special Instructions, the factory will pre-drill countersunk holes as per the following guidelines:

Inside Mount -



Side Frames - The pre-drilled hole will be placed at the center of the hinge section and will line up with the middle of the hinge screws on both the top and bottom hinges. See below drawing.

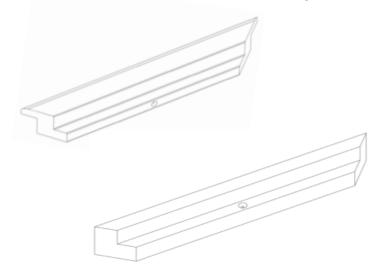


Outside Mount -



Top & Bottom Frames - If there is only one panel, no holes are needed.

If it is more than one panel, a hole will be pre-drilled at the center of the top and bottom frames with a maximum of six holes pre-drilled for each opening.



## UNIVERSAL PULL STICK

Open shutter blades with ease in out of reach installations for light adjustment.

Available in White.

#### **HOW TO ORDER:**

Select from the Extras drop-down menu.

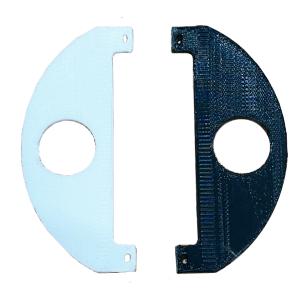


## BLADE CLOSURE RING PULL

Available Sizes: 64mm, 89mm, 114mm blades Product Code A9100 Available in Black or White.

#### HOW TO ORDER:

Order under Extras in the drop-down menu.



## CUPBOARD CATCH

Designed to hold firmly and prevent doors swinging open during windy conditions. The catch is made from plastic and installed with a stainless steel screw (rust proof). No surcharge applicable.

#### HOW TO ORDER:

When placing your order, please select Cupboard Catch from the Extras drop-down. This option will be supplied loose in order to prevent damage in transit.







### COLOUR MATCH STICKERS

Colour match stickers are available for custom colour jobs. Surcharge applies.



## SHELF BRACKET

Available in Mill (colour).

#### HOW TO ORDER:

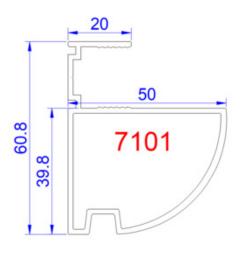
Order under Extras with your specified width requirements.

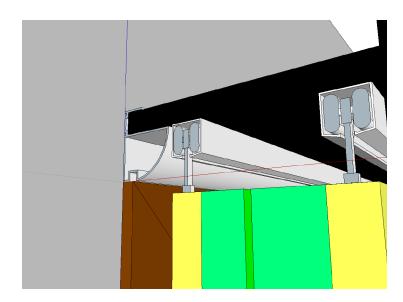
#### IMPORTANT NOTE

The opening has to increase by 40mm in height.

Measurement is to the bottom of the headboard as a standard face fit opening.

It is up to the dealer to provide the measurement to the underside of the headboard increasing the height of the opening by a minimum of 40mm.





## MAGNET INSTALLED FOR PANELS > 2200MM



Magnet installed midway behind stile.

When the panel is >2200mm the magnet comes standard.

For panels <2200mm, please request under Special Instructions.

### SPECIAL SHAPES

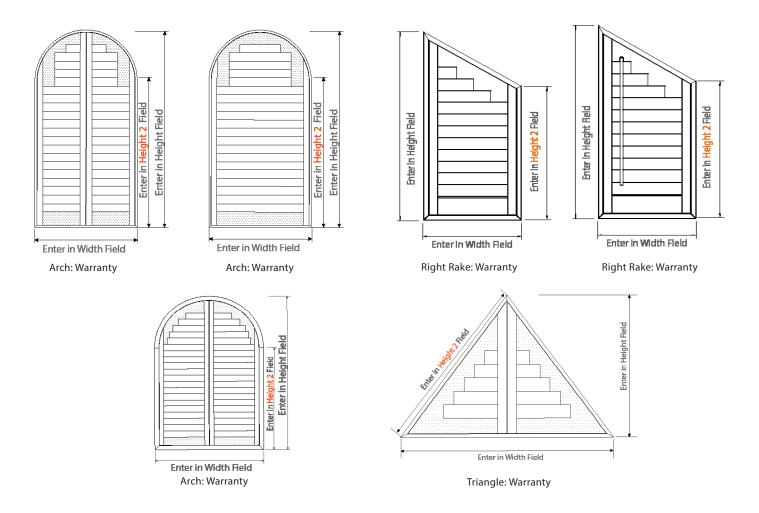
Special shapes can only be made for:

- Panel only
- P4022 Standard Z Frame
- P4041 48mm Flat L Frame

Circle and oval shapes are not available.

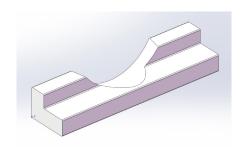
#### Available shapes:

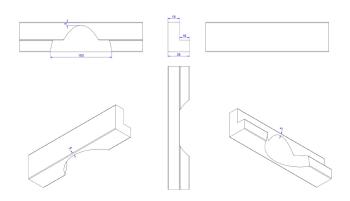
- Arches
- Slopes
- Rakes



Scoop cut-out option (for window winders)

• P4041 48mm Flat L Frame





## SPECIAL INSTRUCTIONS

**10mm Door Clearance -** The factory will take an additional 10mm deduction off the height of the opening to allow for clearance in doors.

**Critical Mid-Rail** - Height of mid-rail specified in column 1 of the order form is to be at that exact height. Please note this may result in large/small top and/or bottom rails.

**Hinges Loose** - Hinges for the line item will be supplied loose in the components box and not attached to the panels.

Minumum Top & Bottom Rail - Factory will supply smallest top and bottom rails on panels.