



# Technical information

For Liniar bi-fold doors



The Liniar bi-folding door range has a wide variety of options when it comes to sizes and opening configurations – with the Standard range available up to 4 panes wide and the ModLok™ version up to 7 panes wide.

Our door pane numbering works like this:

- The first number shows the number of doors in total within the frame.
- The second number shows the majority of doors folding back to either left or right.
- The third number shows the balance of doors opening in the opposite direction.

So, a 4-3-1 bi-folding door would be four panes wide, with three doors folding back to one side of the frame, and a single opening door on the other.

To see all opening/closing sequences visit our website at:

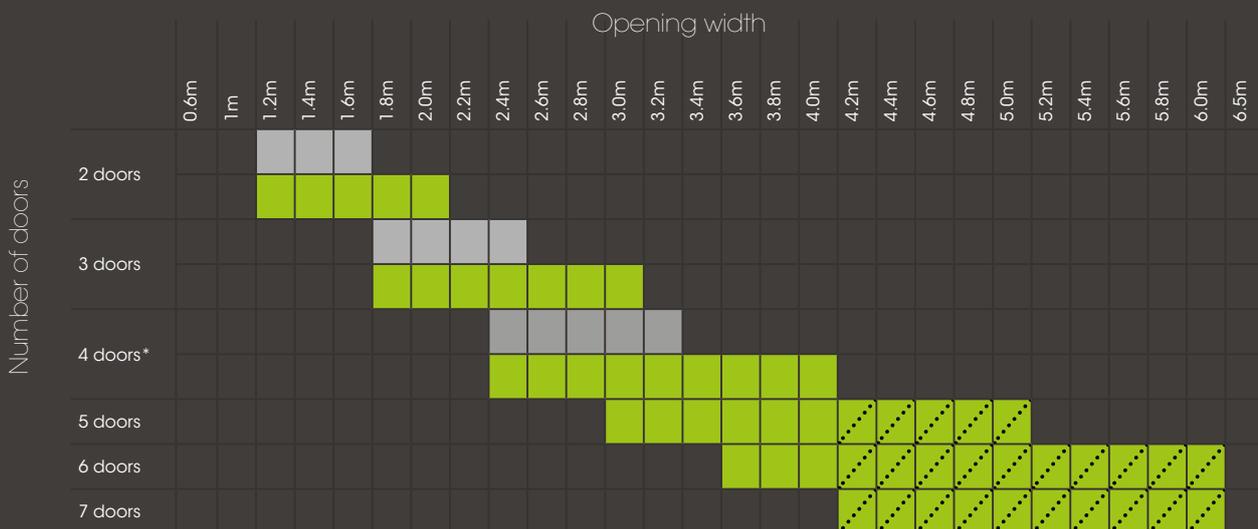
[www.liniar.co.uk/bifoldopeningclosing](http://www.liniar.co.uk/bifoldopeningclosing)



## Bi-fold door minimum and maximum sizes

If you know the rough measurements of your aperture, you can see the configuration options available to you using the table below. Find the nearest width across the top, and look down the relevant column to ascertain the choices available.

Alternatively, if you've already decided on a certain configuration, look across from the number of doors to find the approximate opening width required. Please note: this table is for guidance only; each set of bi-fold doors is made to order to your own exact measurements.



 Standard Bi-Fold  
Substrate and Foiled

 ModLok™ Bi-Fold  
Substrate and Foiled

 ModLok™ Bi-Fold  
Substrate only

Max sash height - 2.15m. For bi-folds with a height of up to 2.5m, please take a look at Alumina by Liniar.



## Standard Bi-Fold Door

- Sculptured suite
- 28mm double glazing
- Multi-chambered profiles
- U-values from 1.3 (DGU)
- Patented co-ex gasket

## Accreditations



BS EN 12608



ISO 9001



BS EN 6375

## Colour Options



White or White Foil



Cream or Cream Foil



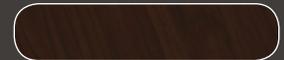
Chartwell Green



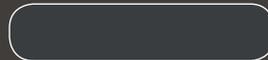
Irish Oak



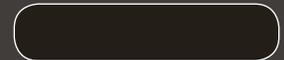
Golden Oak



Rosewood



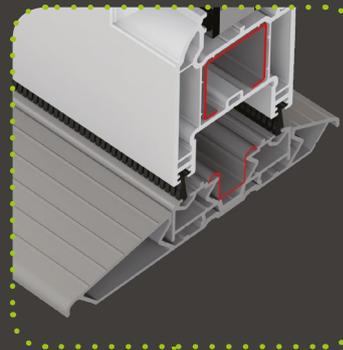
7016 Grey



Black

Additional colours are available to order as specials.  
The colours shown in this brochure give an indication only.

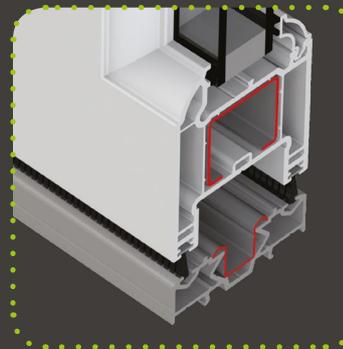
Vertical Cross Section - internally beaded



Threshold Tray

Part M

LAN275 threshold tray makes LAN272/LAN272T "Part M compliant" when fitted together



Aluminium Threshold



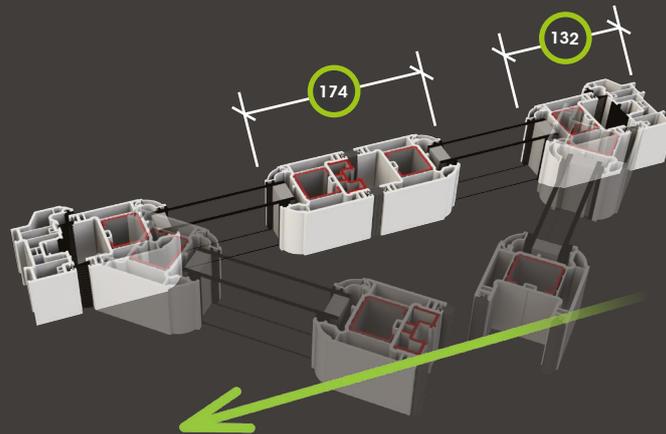
Product	Dim. <b>A</b>
PVCu outer frame & sash LBF091 & LBF092	132mm
Ali. threshold & sash LBF291 & LBF092	115.5mm

Product	Dim. <b>C<sub>2</sub></b>
85, 150, 165, 180 cills LSL085, LSL150, LCL165, LSL180	30mm

Horizontal Cross Section

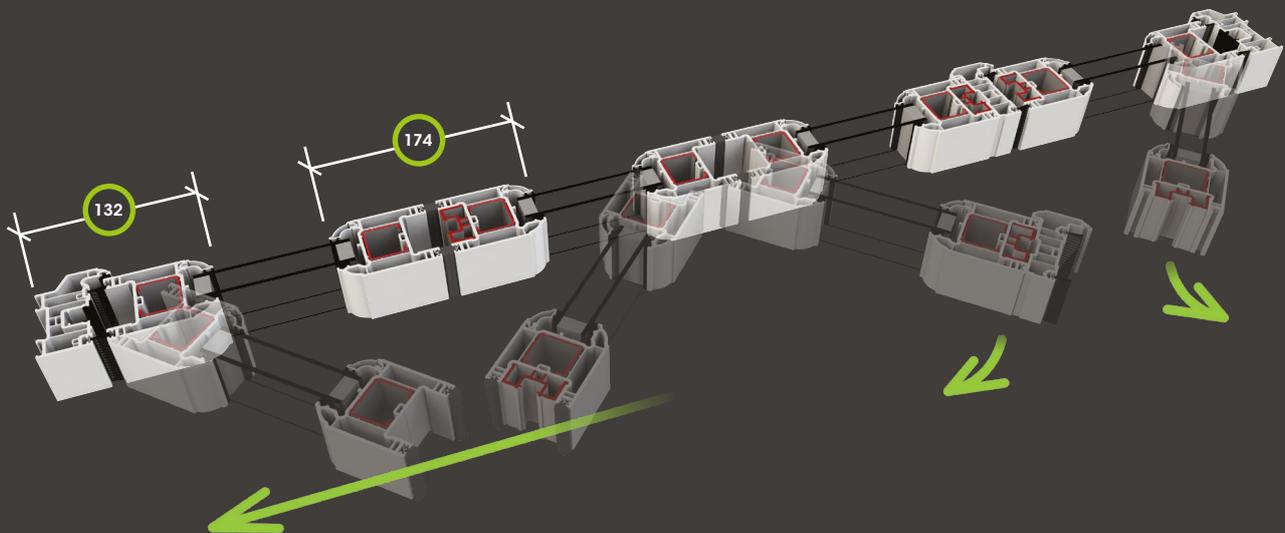
**Standard Bi-Fold Door - 2-2-0** - example 2 pane door

All doors slide together in the chosen direction.



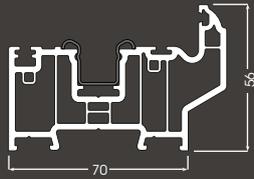
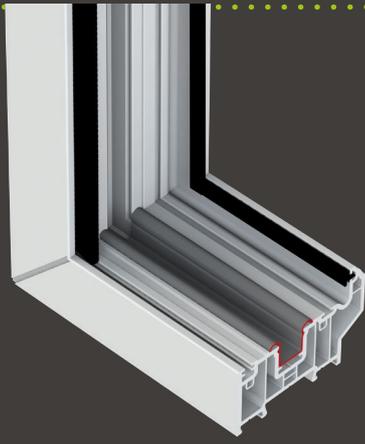
**Standard Bi-Fold Door - 4-3-1** - example 4 pane door

One main access door, with the remaining doors folding in the opposite direction.

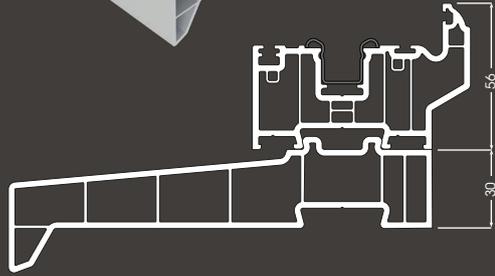
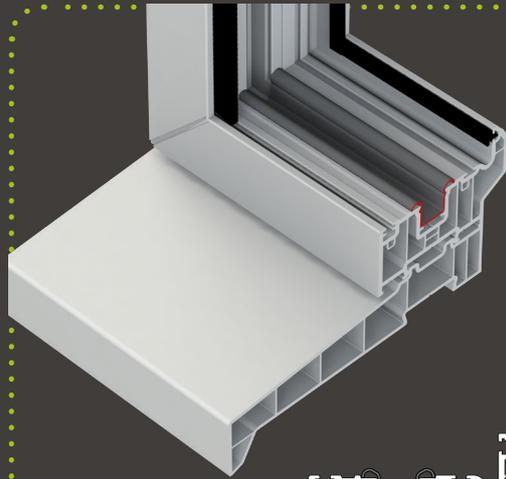




# Standard Bi-Fold Door Threshold Options

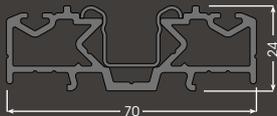
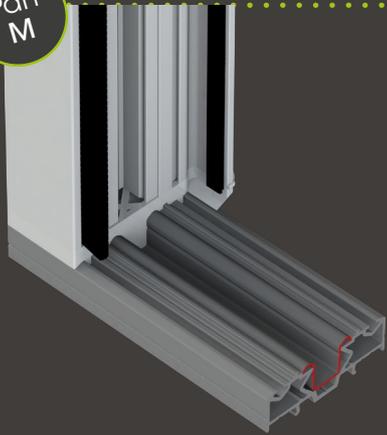


**Frame Only**  
Threshold Height: 56mm

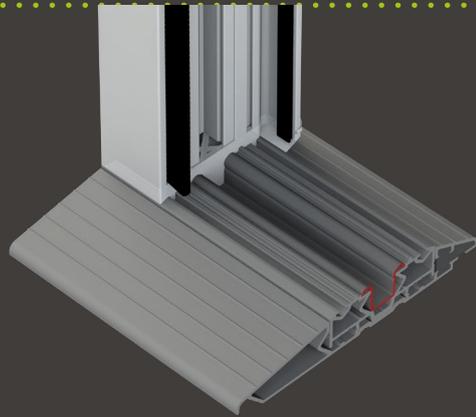


**Frame and Cill**  
Threshold Height: 86mm (inc cill)

Part  
M

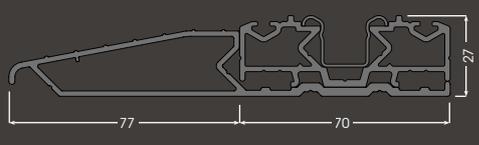
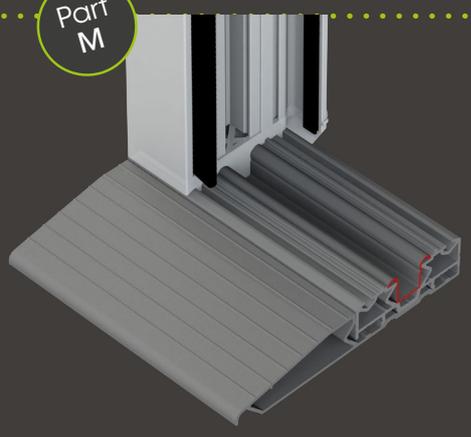


**Part M Low Threshold**  
Threshold Height: 24mm

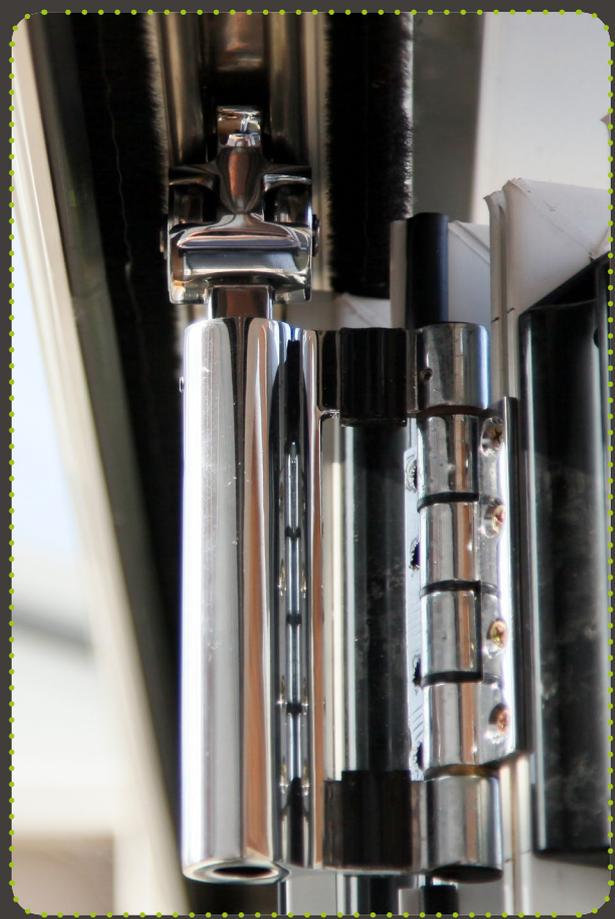


**Low Threshold and Full Tray**  
Threshold Height: 27mm

Part  
M



**Low Threshold and Half Tray**  
Threshold Height: 27mm





### ModLok™ Bi-Fold Door

- Sculptured and chamfered suites
- 28mm double glazing & 36mm/40mm triple glazing
- Multi-chambered profiles
- U-values from 1.3 (DGU) and 1.0 (TGU)
- Patented aluminium exoskeleton

### Accreditations



PAS24



BS EN 12608



ISO 9001



BS EN 6375

### Colour Options



White or White Foil



Cream or Cream Foil



Chartwell Green



Irish Oak



Golden Oak



Rosewood



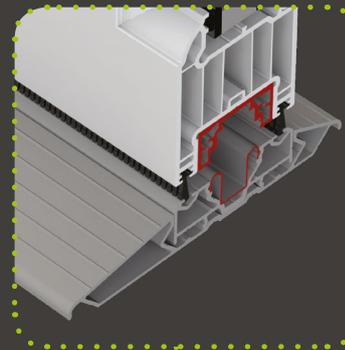
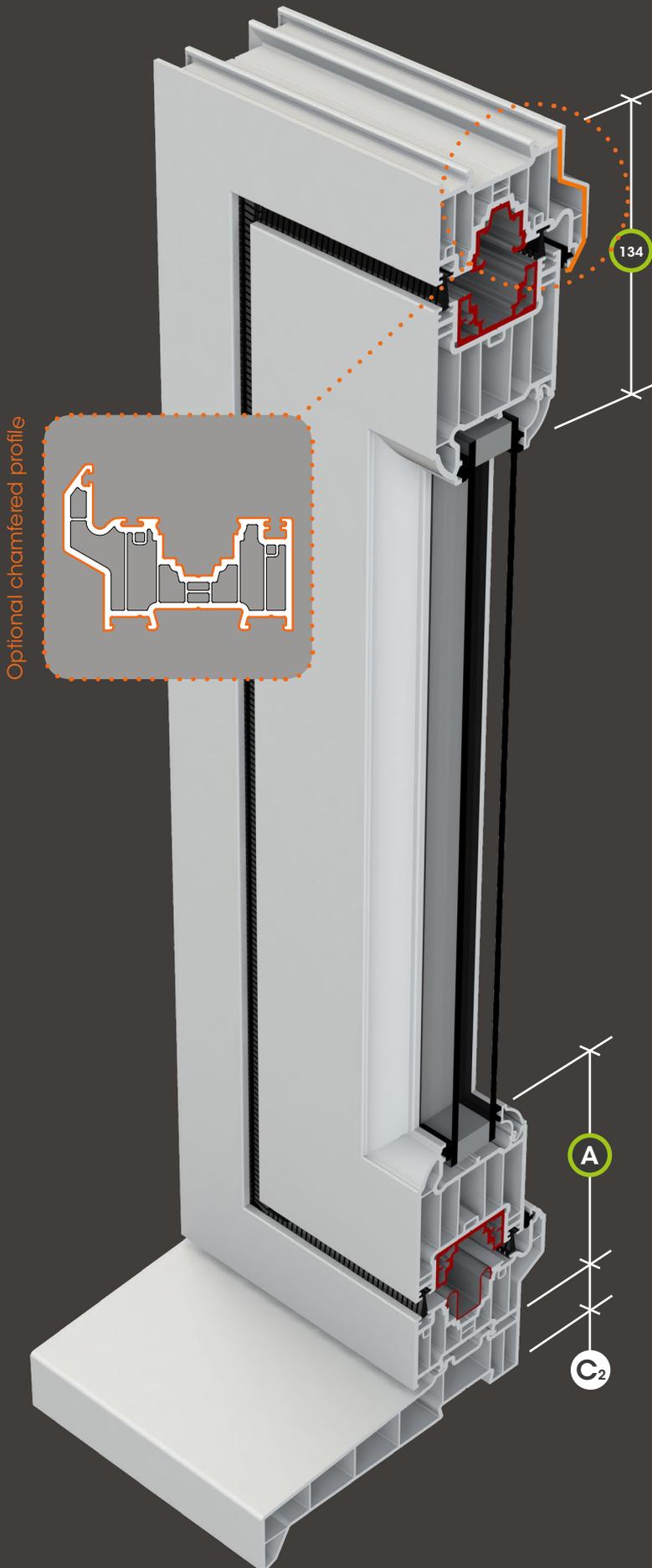
7016 Grey



Black

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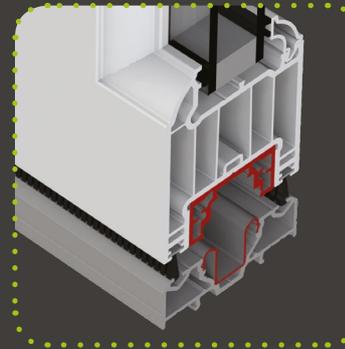
Vertical Cross Section - Outward\* opening, internally beaded



Threshold Tray

Part M

LAN275 threshold tray makes LAN272/LAN272T "Part M compliant" when fitted together



Aluminium Threshold

Product	Dim. A
PVCu outer frame & sash MBF091 & MBF092	134mm
Ali. threshold & sash MBF291T & MBF092	115.5mm

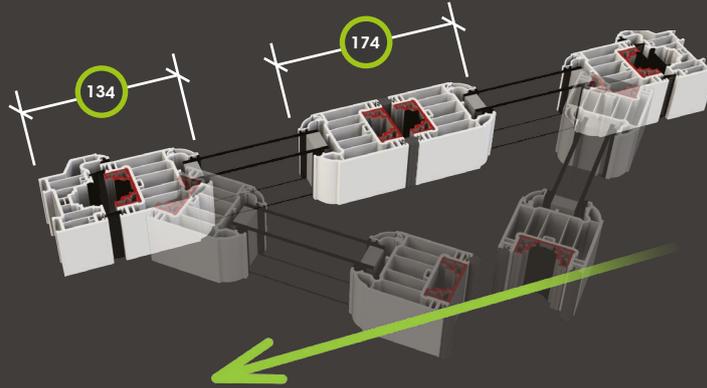
Product	Dim. C <sub>2</sub>
85, 150, 165, 180 cills LSL085, LSL150, LCL165, LSL180	30mm

\* inward opening styles are also available

Horizontal Cross Section

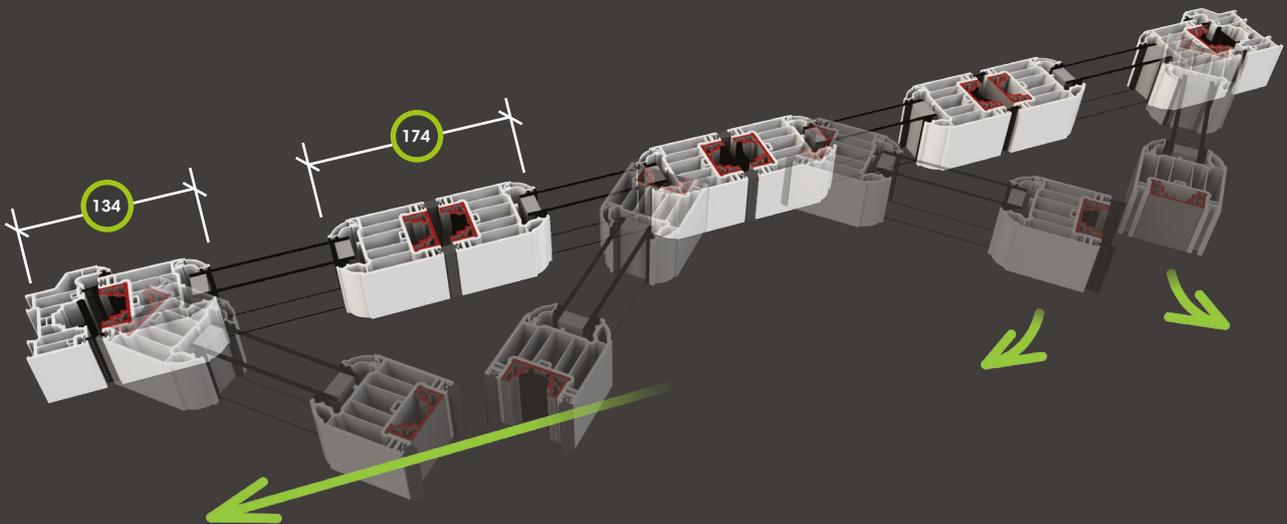
**ModLok™ Bi-Fold Door - 2-2-0** - example 2 pane door

All doors slide together in the chosen direction.



**ModLok™ Bi-Fold Door - 4-3-1** - example 4 pane door

One main access door, with the remaining doors folding in the opposite direction.

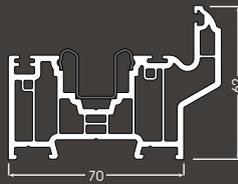




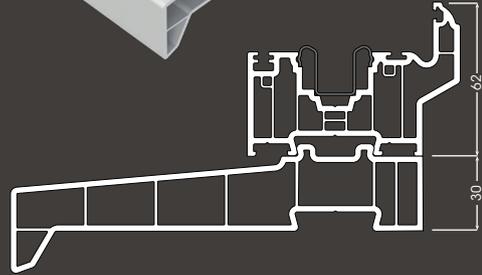
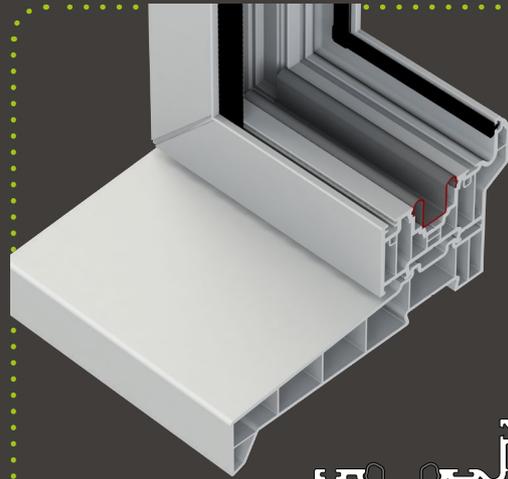
Self Build

6-3-3 Irish Oak ModLok™ Bi-Fold Door





**Frame Only**  
Threshold Height: 62mm

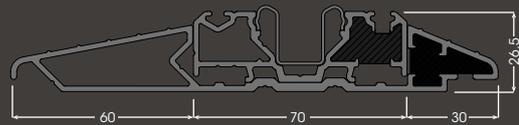
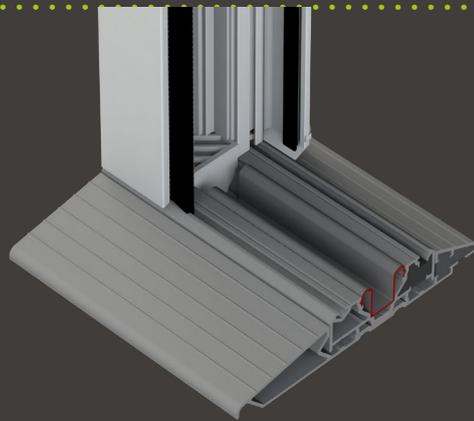


**Frame and Cill**  
Threshold Height: 92mm (inc cill)

Part  
M

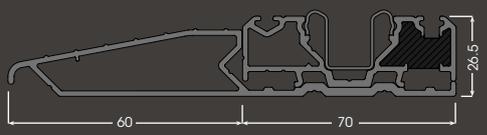
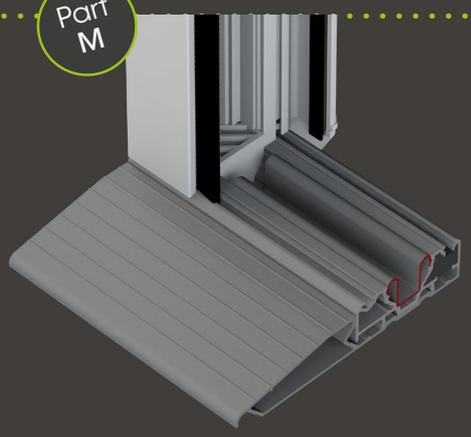


**Part M Low Threshold**  
Threshold Height: 23.5mm



**Low Threshold and Full Tray**  
Threshold Height: 26.5mm

Part  
M



**Low Threshold and Half Tray**  
Threshold Height: 26.5mm



## Liniar specification guide

The Liniar Specification Guide is an A4-size, 234-page, full colour guide to specifying energy efficient PVCu windows and doors.

Covering the full range of lead-free Liniar products including the ModLok™ bi-fold and patio door systems, the Specification Guide includes full product charts, U-values, dimensions, accreditations, safety information and a variety of case studies.

To view an online copy of the Liniar Specification Guide and to order your free copy visit :

[www.liniar.co.uk/specification-guide](http://www.liniar.co.uk/specification-guide)

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