



Technical information

For Alumina doors

 **alumina**
by Liniar

The Alumina door range has a wide variety of options when it comes to sizes and opening configurations – available from 1 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.alumina.liniar.co.uk/openingclosing



Alumina 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 approx opening width required. Please note: this table is for guidance only; each set of Alumina doors is made to order to your own exact measurements.



Number of doors	Opening width																												
	0.6m	1m	1.2m	1.4m	1.6m	1.8m	2.0m	2.2m	2.4m	2.6m	2.8m	3.0m	3.2m	3.4m	3.6m	3.8m	4.0m	4.2m	4.4m	4.6m	4.8m	5.0m	5.2m	5.4m	5.6m	5.8m	6.0m	6.5m	
	1 door																												
	2 doors*																												
	3 doors																												
	4 doors*																												
	5 doors																												
	6 doors*																												
	7 doors																												

* 2-2-0, 4-4-0, 4-2-2 and 6-6-0 are subject to a minimum sash size of 0.7m

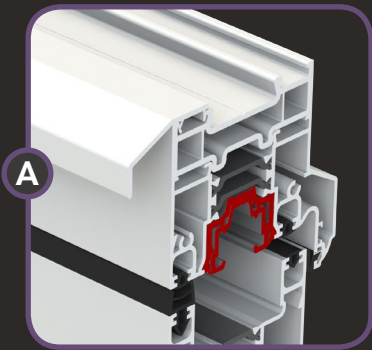
Vertical Cross Section - Outward opening*, internally beaded

Threshold Tray

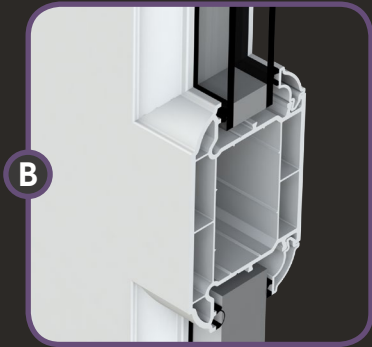


Part M

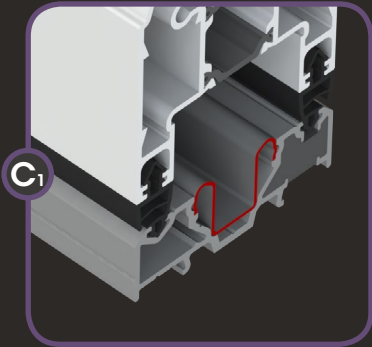
LAN275 threshold tray makes LAN272/LAN272T "Part M compliant" when fitted together



Optional Add Ons



Optional Midrail



Aluminium Threshold

* inward opening styles are also available

Alumina Residential/French & Bi-fold Door

- Sculptured Suite
- Flush external finish
- 28mm double or 36mm/40mm triple glazing
- U-values as low as 1.2 W/m²K

Accreditations



PAS24



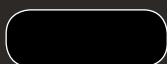
ISO 9001

Colour Options

RAL Powder Coat Colours



White



Black

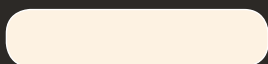


7016 Grey

Foil Options



White



Cream



Chartwell Green



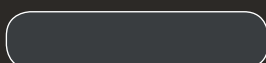
Irish Oak



Golden Oak



Rosewood



7016 Grey



Black

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



Product	Dim. A
Outer frame & sash ABF091 & ABF092	125mm
Outer frame, sash & 10mm add on ABF091, AB092 & LAN116	135mm
Outer frame, sash & 20mm add on ABF091, AB092 & LAN106	145mm
Outer frame, sash & 50mm add on ABF091, AB092 & LAN126	175mm

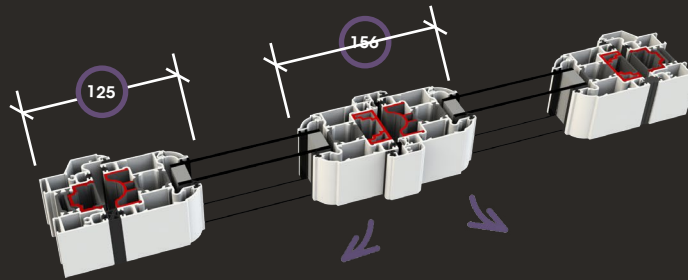
Product	Dim. B
Int. transom LSW026	87mm
Midrail LSW029	117mm

Product	Dim. C₁
Outer frame & sash ABF091 & ABF092	125mm
Ali. threshold & sash MBF291T & ABF092	106.5mm

Product	Dim. C₂
85, 150, 165, 180 cills LSL085, ASL150, LCL165, LSL180	30mm

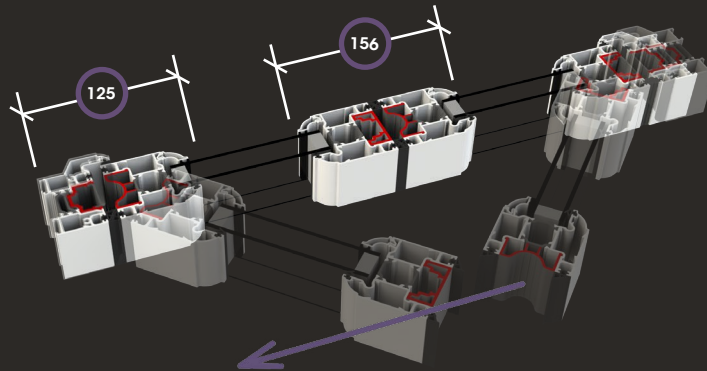
Alumina French Door

One master door and one slave door opening in opposite directions.



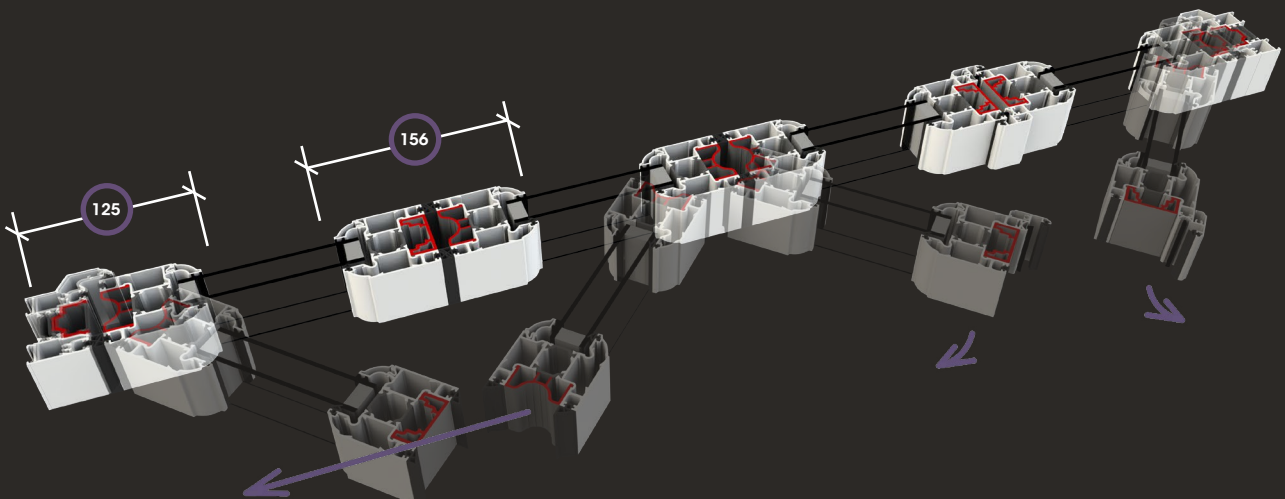
Alumina Bi-Fold Door - 2-2-0 - example 2 pane door

All doors slide together in the chosen direction.

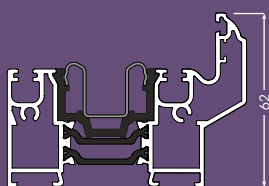
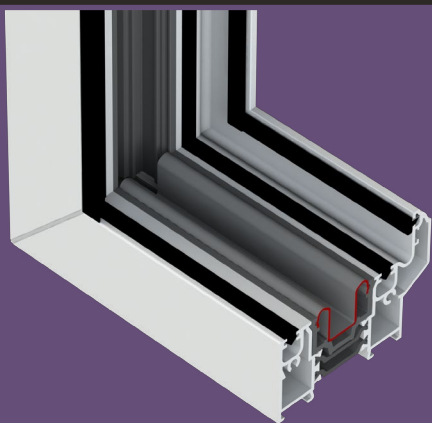


Alumina Bi-Fold Door - 4-3-1 - example 4 pane door

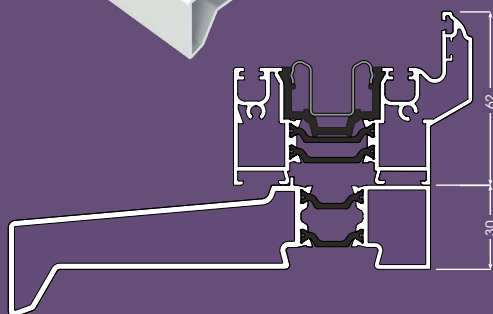
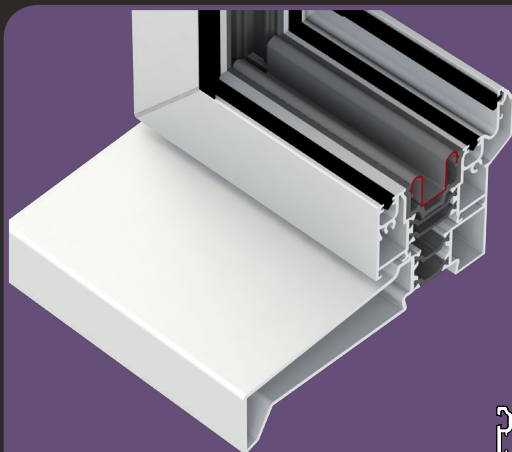
One main access door, with the remaining doors folding in the opposite direction.





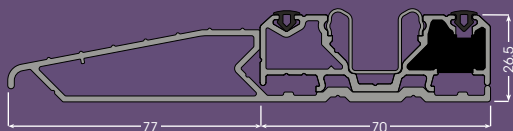
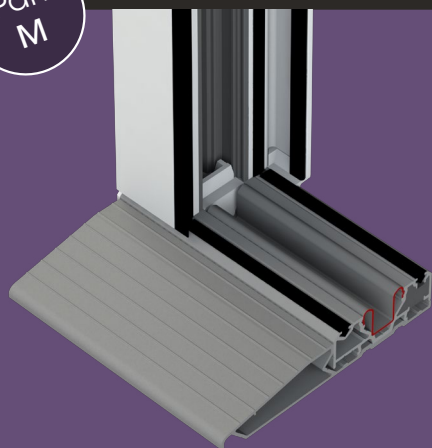


Frame Only
Threshold Height: 62mm



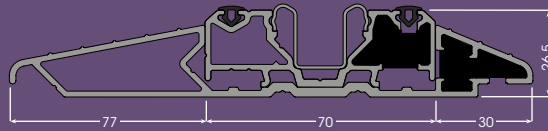
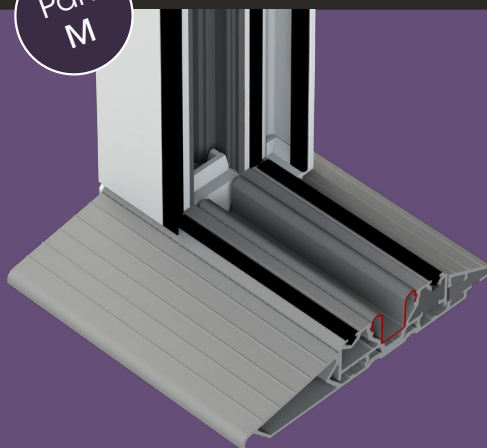
Frame and Cill
Threshold Height: 92mm (inc cill)

Part
M

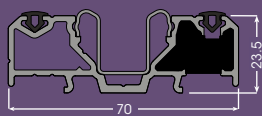
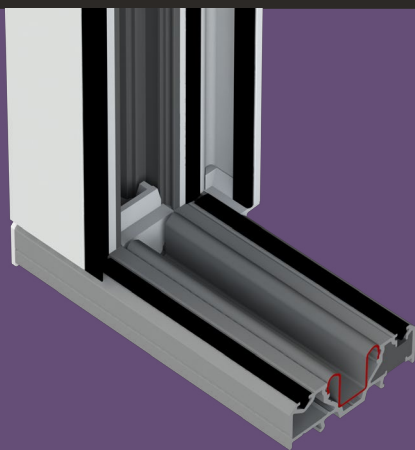


Low Threshold and Half Tray
Threshold Height: 23.5mm

Part
M



Low Threshold and Full Tray
Threshold Height: 26.5mm



Low Threshold
Threshold Height: 23.5mm



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

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