

The Liniar range of bi-folding doors

Open up an entire wall of your home.

Bi-folding doors are the perfect way for you to create space, let in fresh air and flood your home with natural daylight. Doors fold back, concertina-style, and are available in a huge range of styles, sizes and configurations. The Liniar design team created the first bespoke standard PVCu bi-fold door on the market, and followed it four years later with the development of the Queen's Award-winning ModLok™ bi-fold system; featuring a combined aluminium reinforcement and multi-point locking system to enable bigger and wider doors to be manufactured.

The Alumina by Liniar system offers a true aluminium bi-fold door with the benefits of high thermal efficiency and the same sculptured styling as the Liniar window range. With the option of foiling to create a warm touch, the Alumina bi-fold is able to span even greater heights and widths, up to 7 panes wide.

Why choose Liniar bi-folding doors:

- Highly secure, with super smooth bottom rolling action and modular locking technology
- Patented exoskeleton, full doors cycle tested to more than 120,000 full opening cycles
- Design features including discreet magnets and folding keys
- Optional thermally broken Part M compliant low threshold with no need for trench excavation.

For more information visit www.liniar.co.uk/doors/bifold





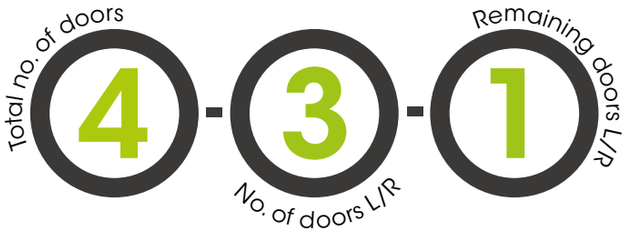
Bi-fold door configurations

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, the ModLok™ version up to 7 panes wide and the Alumina system up to 7 panes wide and 2.5m high.

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.

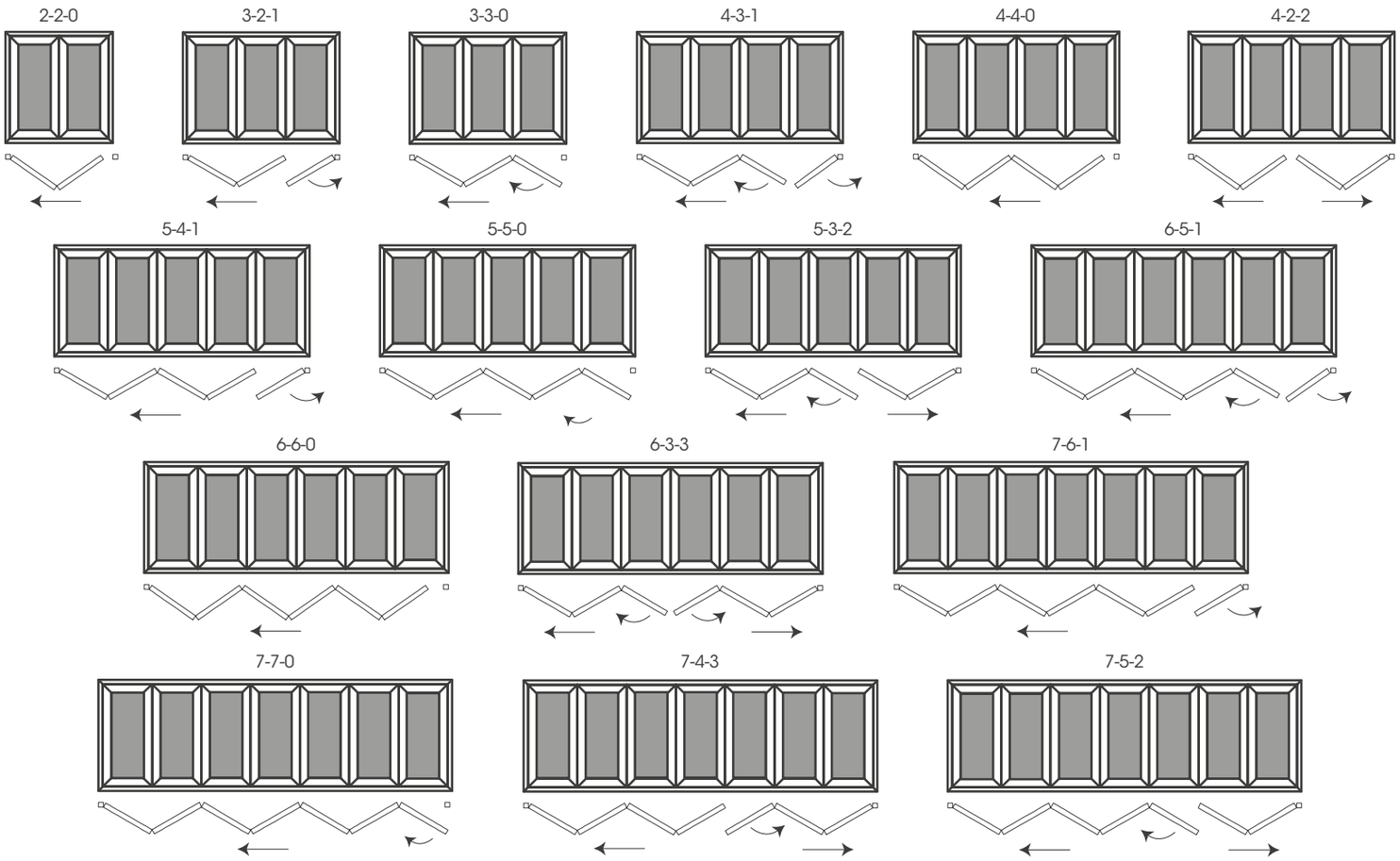


You can choose to have your door made with the majority of panes opening on the left or the right, and inward or outward opening for maximum versatility.

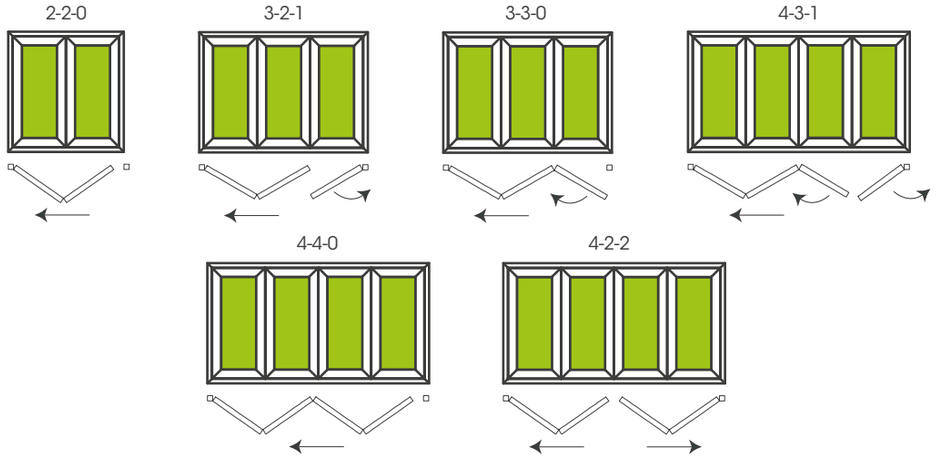
To see all opening/closing sequences visit our website at:

www.liniar.co.uk/bifoldopeningclosing

ModLok™ and Alumina configurations

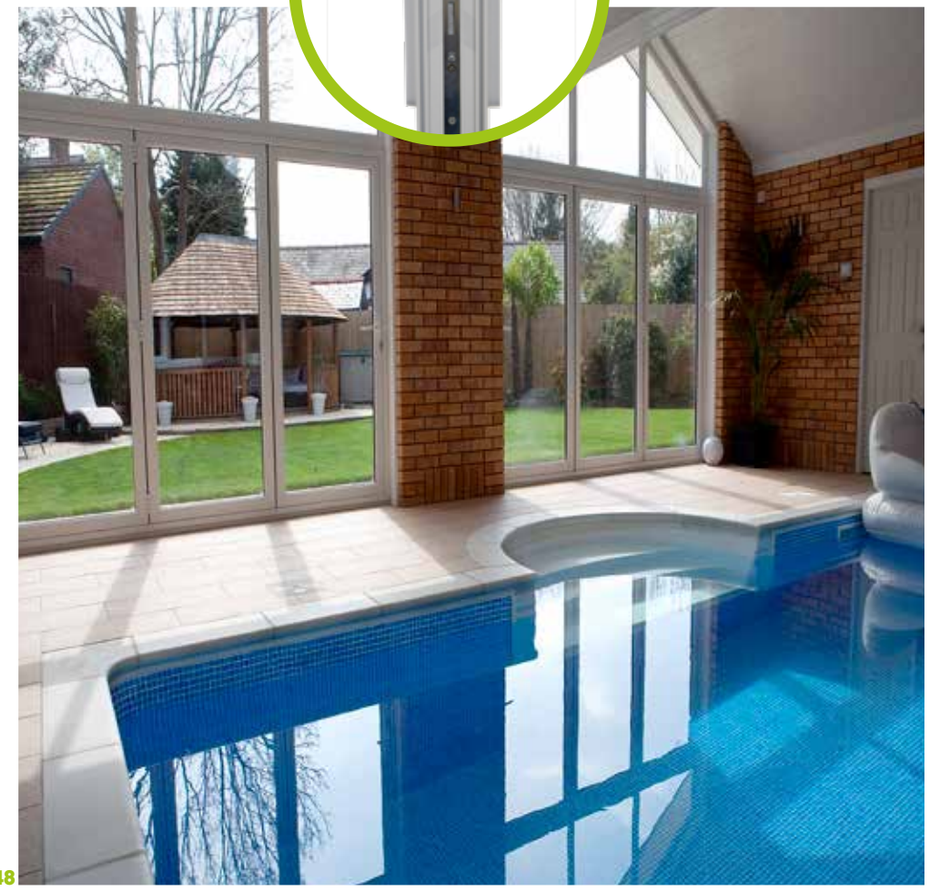


Standard configurations









Standard bi-fold doors

The standard Liniar bi-fold system offers a cost effective option to open up a wall of your home, up to four panes in width.

The first bespoke PVCu bi-folding door system on the market, the standard Liniar bi-fold provides a truly stunning alternative to French or sliding patio doors.
The innovative Part M low threshold option is just one of the safety features included, making the Liniar bi-fold both family and wheelchair friendly.

On top of all of that, Liniar's bi-fold doors offer excellent levels of energy efficiency, alongside superb security features – this all adds up to create a beautiful space-saving solution for your property that will also hugely enhance its appearance and value.

The standard Liniar bi-fold can achieve a U-value of 1.3 W/m²K when fitted with cost effective double glazed units, which means you'll be able to enjoy a warmer and quieter home as well as lower energy bills.

Your installer will be able to advise you on the options available, or visit the Liniar website at www.liniar.co.uk/doors/bi-fold to find out more about the standard bi-fold.

Options at a glance:

- Standard 4-chamber frames
- Sculptured (curved) styling
- 28mm double glazed units
- Part M compliant low threshold available
- Wide choice of coloured and foiled styles
- Choice of black, white, dark and light chrome and gold handles.

ModLok™ bi-fold doors

Liniar's Queen's Award-winning bi-fold combines the structural benefits of an aluminium door set with the thermal efficiency of PVCu up to 7 panes wide.

The Liniar ModLok™ bi-folding door includes a seamless reinforcing and locking mechanism. This exoskeletal patented innovation not only offers the highest security standards, but enables the doors to span even larger and wider sizes.

Built in anti-lift features and anti-bump cylinders combine to bring you peace of mind. ModLok™ also offers enhanced security features, including three opposing hooks and two shootbolts built in to every master door, plus two anti-lift shootbolts on every slave door. The exo-skeletal system ensures only the master door will open first, so there's no chance of spraining locks by trying to open the wrong door – and folding keys mean no dents!

With Liniar's foiled woodgrain-effect options, your bi-folding doors can emulate the natural look of timber. The Liniar ModLok™ bi-fold can achieve a supremely energy efficient U-value of 1.0 W/m²K with triple glazed units.

Your installer will be able to advise you on the options available, or find out more on the Liniar website at www.liniar.co.uk/doors/modlok-bi-fold.

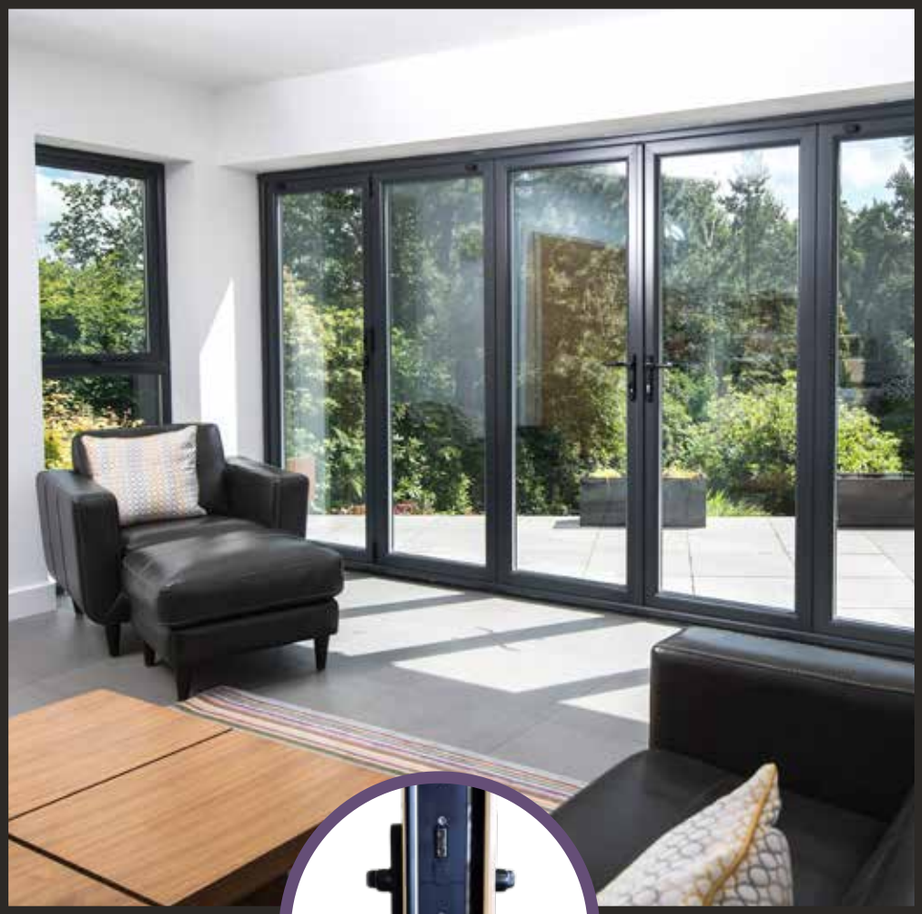
Options at a glance:

- EnergyPlus 6-chamber frames
- Sculptured (curved styling)
- 28mm double glazed or 36mm triple glazed units
- Part M compliant low threshold available
- PAS 24:2015, Secured by Design and Part Q
- Choice of black, white, dark and light chrome and gold handles.













Alumina Bi-fold doors

Made from aluminium, the Alumina by Liniar range delivers high thermal efficiency with the only sculptured aluminium bi-fold created to fully match PVCu windows.

The very latest product development from Liniar, the Alumina bi-fold was created to offer a true aluminium bi-fold for large apertures where the panes can reach up to 2.5m high for floor-to-ceiling glass.

The only fully sculptured aluminium bi-fold doors on the market, Alumina will match the exact shape of Liniar sculptured windows. Not only that, you can choose to have the frames supplied with factory fitted foils for a warm touch finish and a seamless colour match.

With the same hardware as the ModLok™ bi-fold system you can rest assured of the highest security features, including three opposing hooks and two shootbolts built in to every master door, plus two anti-lift shootbolts on every slave door.

Designed from the ground upwards with thermal efficiency firmly in mind, the Alumina system breaks the usual rules of standard aluminium bi-fold doors and addresses tomorrow's performance requirements today.

An innovative combined lock and thermal insert, or barrier, gives the Alumina door a supremely high energy rating and U-values as low as 1.2 W/m²K. The Liniar design team has combined the ultimate specification of security with a high strength engineering polymer lock body – so the lock itself acts as a thermal break, boosting the door's thermal performance compared to traditional aluminium doors. With configurations spanning up to 7 panes across, and each individual sash up to 1.2 metres wide and 2.5 metres high, your Alumina bi-folding door can open up an entire wall of your home up to 6 metres in width.

The doors are bottom rolling to ensure no additional stress is placed on the building's lintels, with stainless steel rollers guaranteeing a light, smooth operation along the bi-fold track. You can choose from three different thresholds for your Alumina bi-fold; it's supplied as standard with a rebated aluminium frame that runs continuously around the doors to form the most weathertight seal; you can select an aluminium low threshold which is just 23.5mm high at its highest point, for a seamless entrance and exit to your home; or add a tray to make the doors Part M compliant for wheelchair access and family living.

Your installer will be able to advise you on the options available, or visit the Liniar website at **http://www.liniar.co.uk/doors/alumina-bi-fold** to find out more about the Alumina bi-fold.

Options at a glance:

- Aluminium frame with patented polyamide lock
- Sculptured (curved) or chamfered (bevelled)
- 28mm double glazed or 36mm/40mm triple glazed units
- Part M compliant low threshold available
- Wide choice of foiled frames from stock
- Or sprayed in the colour of your choice
- Choice of black, white, dark and light chrome and gold handles.



Also available as a residential door or set of French doors





Liniar Loves...

7016 Grey 6-3-3 Alumina Bi-fold door

