



Strong, silent and effortless  
the Liniar ModLok™ sliding patio door







## The Liniar sliding patio door

The traditional sliding patio door has been given a new lease of life by Liniar. Designed from scratch, the Liniar ModLok™ Patio system provides a beautifully smooth and secure entrance to your home.

From the moment you see the Liniar door, you'll be struck by the ergonomic design, the effortless opening mechanism, the smooth motion and the noiseless glide.

Fitted with Liniar's revolutionary multi-wheeled 'air glide' system, the Liniar sliding patio door is perfectly balanced as it moves along its track on an eight-wheel acetal roller - with doors spanning up to four panes wide.

Strong and secure with multi-directional locks and a host of security features to help keep your home safe.

The built-in brushes gently sweep away any minor debris each time the door is closed, aiding its silent action and helping it to maintain efficient operation.

With fully sculptured features providing a beautiful finish, the Liniar patio door's ultra-slim sightlines ensure you enjoy the maximum amount of natural light in your home.

Choose from a wide range of colour and handle options to personalise your Liniar door - each door is manufactured to your bespoke size and design, for the perfect fit for your home.





U-values as low  
as **1.3 W/m<sup>2</sup>K**

## Keep the heat inside

One of the most effective ways you can save energy within your home is through installing energy efficient windows, doors and roofs.

Liniar frames outperform most of the other leading brands in the UK when it comes to thermal efficiency – mainly due to an innovative PVCu multi-chambered profile design.

The thermal efficiency of a door is measured in U-values, which demonstrate how effective the door is at preventing the transfer of heat into and out of a building.

The lower the U-value, the higher the doors' effectiveness at keeping the heat inside your home when it's cold outside.

The Liniar patio door can achieve a U-value of 1.3 W/m<sup>2</sup>K, meaning you'll be able to enjoy a warmer and quieter home as well as lower bills.

Furthermore, Liniar's patented bubble gasket is co-extruded as part of the manufacturing process – meaning seals are continuous and therefore weatherproof. A continuous seal all the way around the frame eliminates draughts and provides resistance to water.





## Designed for today's challenges

The Liniar patio door range is beautifully designed for modern living.

Built to create the perfect summer ambience, it's equally as important that our doors withstand the worst of the British winter weather.

Liniar patio doors are rigorously tested to make sure they exceed the appropriate British Standards for weather performance.

We also subject our doors to a regime of robot cyclic testing in a purpose-built laboratory, making sure all mechanical parts will stand up to the repeated operation necessary for daily living.

“Liniar’s patented bubble gasket ensures a continuous seal all the way around the frame, eliminating draughts and providing water resistance.”





## Engineered for the future available today

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The sliding patio door isn't a new invention

Yet, most doors available on the market today are still based on an original design, which means they come with inherent challenges. Who hasn't experienced a patio door that rocks on its track, or one that requires sheer brute force to open? And other patio systems have built a reputation for making it easy for thieves to break in to your home.

The Liniar design team have re-written the rule book with their innovative patio range - engineering in features such as a built-in decelerator and hidden 'crash stops' within the operating mechanism so as not to detract from the beautifully slim lines of the door.

Not only that, the Liniar door is one of the most secure patio doors money can buy. Liniar's patented ModLok™ modular locking mechanism surrounds each pane, delivering unparalleled strength combined with the highest levels of security. No worries about break-ins, providing you and your family with the knowledge that your home is protected. There's even a Secured by Design option available for further peace of mind.

With 4 patents and 1 Registered Design, the Liniar patio system stands in a class of its own.





## Uniquely smooth action

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The Liniar patio range was designed with a ground-breaking 'air glide' system, giving it a superbly smooth operation.

You'll be amazed at how light the door feels and how easy it is to open and close - not to mention how quiet it is too!

Other patio door systems are operated by just four steel wheels - the Liniar door uses 8 hard-wearing self-lubricating acetal wheels, which makes it feel as though it's floating on air.

You really need to experience this for yourself, so visit your nearest Liniar showroom to find out how the ModLok™ patio door is so different from its competitors.









## Safe as houses

ModLok™ is a sleek aluminium exo-skeleton that encases the frame of each door pane.



Combining steel reinforcing with a high security locking mechanism, ModLok™ technology ensures the Liniar patio door offers far greater security than most other products of its type.

With four bi-directional lock clusters and eight mushroom head locking points, PLUS two shoot-bolts at the top and bottom of the sliding door, the Liniar patio's locking mechanism has been designed so that hooks do not protrude into the room even when the door is open.

To make your Liniar patio door even more secure, you can choose the latest 'anti snap' locking cylinders, which offer even more protection against the more determined would-be intruder.

You can even choose a PAS 24-compliant door, with Secured by Design status for additional peace of mind.

Not often considered when buying a new product for your home, ModLok™ also has a big environmental advantage when the patio doors eventually come to the end of their life. ModLok™'s seamless steel sections are simple to separate once the doors are removed, enabling the PVCu to be recycled faster and with much less effort, unlike other PVCu systems which cannot easily be recycled without a lot of effort to strip them down.



PAS 24







# Patio door configurations

If you have a wider opening span, why not consider a 3 or 4-pane patio door?

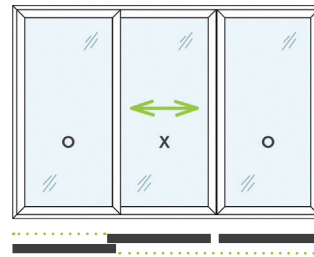
The supreme strength of Liniar multi-chambered frames make them perfect for large openings – so conservatories, orangeries and garden rooms can all benefit from increased light flooding into your home.

Choose from the door configurations below:

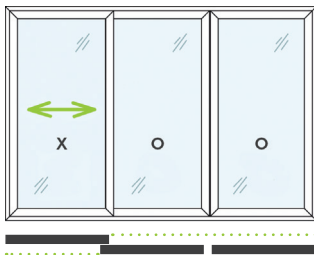
**2 Pane**  
**Style OX/XO**



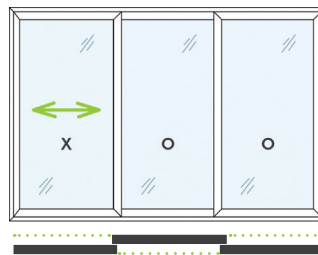
**3 Pane**  
**Style OXO**



**3 Pane**  
**Style XOO/OOX**



**3 Pane**  
**Style XOO/OOX (Optional)**



**4 Pane**  
**Style OXXO**





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 Linear patio doors is made to order to your own exact measurements.

	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	
2 Pane OX/XO					■	■	■	■	■	■	■																
3 Pane OXO									■	■	■	■	■	■	■	■	■	■	■	■							
3 Pane XOO/OOX									■	■	■	■	■	■	■	■	■	■	■	■	■						
3 Pane XOO/OOX (Optional)									■	■	■	■	■	■	■	■	■	■	■	■	■	■					
4 Pane OXXO																		■	■	■	■	■	■	■	■	■	

■ ModLok™ Patio  
Substrate and Foiled

■ ModLok™ Patio  
Substrate only



## Colour options

The Liniar range comes in a wide variety of colours and finishes.

The solid Liniar PVCu profile (or frame) is available in not just white, but also cream, caramel, brown and black substrates to offer a personalised appearance\*



– or why not change its appearance completely by choosing an authentic foil finish?

Liniar's coloured and woodgrain effect foils are factory fitted at the production stage, so you can rest assured of a perfect finish. Guaranteed for a minimum of 10 years, foiled PVCu is a

low-maintenance alternative to timber as it won't rot or need repainting; all it requires is an occasional clean with soapy water.

Every Liniar product is made in a wide choice of stocked coloured foils, ensuring short lead times when your project is urgent. If you're not in a rush, you could select a completely bespoke colour and finish from the huge range available. You can even select the substrate colour and choose to have the foil applied on just the interior or exterior if you prefer.

Please ask to see a Liniar foil swatch booklet to help you select the perfect colour choice.

\* Not all Liniar products are available on all substrates - please refer to the Liniar foil swatch booklet.





● Stocked foils, all others are available via special order



## Hardware and accessories

Linear patio doors are supplied with ergonomic handles.

Choose from white, black, gold or chrome to co-ordinate with the rest of your furnishings.



White



Gold



Black



Chrome



## Accessories

As each Linear patio door is manufactured to your own specific requirements, you can accessorise it by adding a midrail - or even a letterbox!

Just ask your fabricator for the options available.





### Thresholds

Linear patio doors can be supplied with a standard cill, in colours to match your doors – or you can select our low threshold option in silver or gold to co-ordinate with the doors' hardware. The low threshold can also be cill mounted for ultimate flexibility.



### Thermally broken low threshold

You can also add an optional tray to make your low threshold Part M compliant, meaning it's suitable for wheelchair users and family friendly.







## About Liniar

The most up-to-date PVCu system on the market.

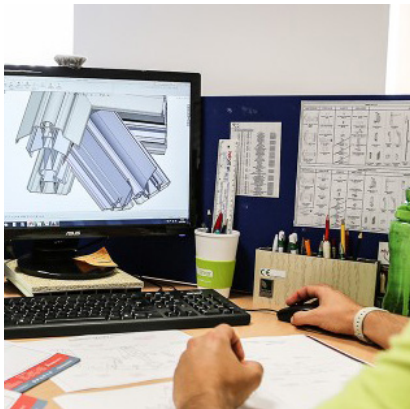
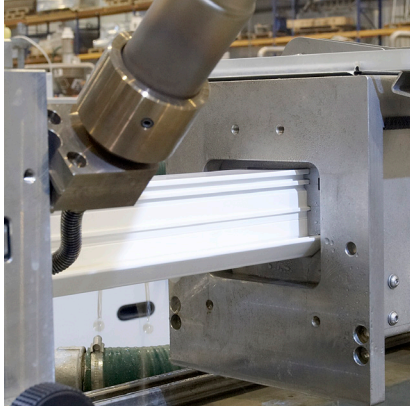
Liniar was created by bringing together some of the most knowledgeable and forward thinking designers and experts in the window industry – with more than 500 years of experience between them.

Liniar is an award-winning Derbyshire firm. Continued investment in infrastructure, technology, machinery and a great team of people has helped Liniar to become one of the market leading window systems. With a customer base of specialist fabricators all over the UK creating beautiful products for retail and trade, you'll be sure to find a Liniar stockist near you.

The design team behind the Liniar brand is constantly pushing the boundaries of product innovation, with a focus on research and new products in development all the time. As a result, Liniar has developed a well-earned reputation for innovation, including part-recycled, eco-friendly outdoor ranges.

By being agile and responsive to customer feedback, Liniar has developed an impressive portfolio of matching, innovative matching, innovative products – all made here in the UK.





## Matching products

The Liniar system has been developed by an innovative British design team, resulting in a wide range of matching products for the whole property.

When you order Liniar products from the same installer, you'll not only get a perfect match – your installation will be covered by a single point of guarantee.

All Liniar profiles are manufactured using tried and tested formulations from approved suppliers and are guaranteed for 10 years.

Some exclusions apply – please see [liniar.co.uk/guarantees](http://liniar.co.uk/guarantees) for more information.



### Windows

The Liniar system is the most technically advanced in the UK. Casement windows can achieve an A++ Windows Energy Rating and include the UK's first double-rebated flush PVCu window, Resurgence.



### Doors

The Liniar range of PVCu front doors is designed to match perfectly with windows to create a co-ordinated appearance and a draught-free entrance to your home.





### PVCu Bi-Folding Doors

Liniar PVCu bi-folding doors have a patented ModLok™ exoskeleton, offering extra security and additional strength by seamlessly combining reinforcement to fully open up your room.



### Alumina Doors

Liniar's unique aluminium door system, Alumina is available as a bi-fold, French or entrance door. Ideal for large scale and commercial applications, Alumina can be powder coated or foiled.



### French Doors

Liniar's stunning range of PVCu French doors comes with the same high specification and colour options as its window range, with patented low and ultra-low threshold options.



### Conservatories

Using the latest technology to bring you the most energy efficient glazed roof system in the UK, the Liniar roof is available in a huge choice of styles, shapes and designs, including lantern roofs.



### Soffits, Fascias and Cladding

Liniar's soffits, fascias, cladding and trims offer a perfectly matching solution to any installation, in a wide range of colours and finishes.



### Decking

Liniar decking is perfect for a low maintenance finish - with plain or foiled balustrades and anti-slip deckboards in a range of nature inspired colours.



### Fencing

Liniar's PVCu fencing ranges, including classic, woodgrain and composite finishes, offer a high quality, low-maintenance option for landscaping.



### Piling

Piling is used for a range of applications, including Liniar's innovative log pile, to provide an attractive finish for any retention project.







# 7 great reasons to choose Liniar

**Innovative** - the the Liniar ModLok™ patio system was developed by a Queen's Award winning design team.

**Energy efficient** – designed from scratch to achieve the pinnacle of thermal performance and retain more heat in your property.

**Safe and secure** – engineered with built-in security features and approved by independent testing facilities, with PAS 24 accreditation.

**British made** – frames are extruded in Liniar's state-of-the-art factory in the heart of Derbyshire

**Lead free** – all Liniar profiles are extruded using materials that are 100% lead free

**Quality assured** – backed with ISO 9001 and 14001 accreditations for your peace of mind

**Guaranteed** – all Liniar frames are guaranteed to not warp, split or discolour for a minimum of 10 years



Your Liniar stockist is:

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