

Liniar Windows and Doors



WINDOWS AND DOORS



Windows and Doors

The Carlton Window Service

Competively Priced

Short Lead Time

Full range of trims and accessories

We supply a huge range of windows and doors.

Our windows and doors are Liniar profile and are available in a range of styles. We offer a choice of glass including Low e-coated, self-clean and a range of obscure glass to suit all applications.

Our range of Liniar doors include Bi-Fold, patio and French doors in

Trims and accessories.

We stock a variety of trims to suit all installations. Many of these are available in a choice of colours and grains to compliment your installation. A full range of silicones, fillers, fixings and cleaners are also available.

Guarantees

Liniar 10 Year Product Guarantee : Liniar products are manufactured using revolutionary technology from approved suppliers and will not warp, split or discolour for 10 years from date of installation.



Liniar Windows

Liniar's 70mm window system was created from scratch building in innovative design features intended to reshape the accepted standards for PVCu windows.

Multi-chambered frame technology means Liniar windows can achieve the highest energy ratings of A++ whilst at the same time attaining Secured by Design status.



Window Styles - Casement



1 Durable Hardware

Stainless steel friction stays provided enhanced security and have been tested to 20,000 cycles.

2 Chamfered Rebate

Choose a chamfered rebate detail for a simpler and more contemporary look.

3 Secured By Yale

Yale high security shootbolt locking system carries Yale's 10 year insurance backed guarantee.

4 Hinge Protection

Stay Guard Elite device withstands twice the force required by Secured By Design testing.

5 Slim Sightlines

Ultra slim sightlines allow for a larger area of visible glass providing more light and enhanced views.

6 A+ Energy Rated

Linari's state of the art window system is engineered to be capable of

Window Styles - Tilt and Turn



1 Secure Ventilation

Convenient 'tilt-only' function provides additional ventilation without compromising security.

2 Integrated Hardware

UNI-JET concealed gearing is better looking and more secure than outdated face-fix gearing.

3 European Aesthetic

Clean straight lines and crisp, concise detailing combine with fully integrated hardware.

4 Corrosion Resistance

'FerGUard*silver' surface coating ensures long-term corrosion protection at no extra cost.

5 Quick to clean

90° turn action allows easy exterior access, ideal for upstairs windows or high-rise accommodation.

6 Uninterrupted Seal

A continuous rebate gasket prevents condensation whilst enhancing

Window Styles - French Casement



1 Flying Mullion

When opened fully one sash carries the central mullion for a completely unrestricted view.

2 Controlled Ventilation

The master sash can be opened independently from the slave sash for variable ventilation.

3 90° Hinge Opening

Sashes can be opened a full 90° creating a greater feeling of space whilst letting in more light.

4 Fire Escape

French casement windows are Part B compliant under Building Regulations 2010, ideal for narrow openings that need to be fire escapes.

5 Environmentally Friendly

100% lead free and 100% recyclable.

6 Easy to Clean

Easy-clean hinge option makes French casement windows extremely

Window Styles - Vertical Sliders



1 Sash Horns

Optional decorative sash horns enhance the traditional look.

2 Spring Balance Mechanism

Spiral balances counteract the weight of the sliding sash for smooth and effortless operation.

3 Concealed Gaskets

Low-level PCE gaskets provide protection from the elements whilst remaining out of view.

4 Keep Children Safe

Restrictors can be fitted to stop the bottom sash sliding fully, keeping your children safe.

5 High Security

uPVC vertical sliding sash windows are available with high security cam locks for your peace of mind.

6 Tilt Function

Built in pivot bar enables sashes to tilt inwards for cleaning or extra ventilation at the push of a button.

Window Styles - Sash Horn



1 Authentic Looks

Preserve the look of wooden box sash windows and maintain the integrity of your property.

2 Hand Finishing

Every window undergoes stringent hand finishing for an unrivalled level of product quality.

3 Security Assured

Windows with Yale shootbolt locking are covered by a money back promise in the event of a break-in.

4 Yale 10 Year Guarantee

Yale shootbolt locking systems are guaranteed against mechanical failure for 10 years.

5 Integrated Horns

The sash horns are a single piece of uPVC for a better look than the screw-on alternatives.

6 Superior Weather Sealing

Continuous sash seal (incorporating special horn gaskets) gives

Hinge Options



Standard Hinge

- ◆ Anti-Corrosion
- ◆ Smooth and trouble free operation



Egress (Fire) Hinge

- ◆ All the benefits of the Standard Hinge
- ◆ Optimised stay Arm geometry
- ◆ Increased clear opening area to aid escape in the event of fire.



Easy Clean Hinge

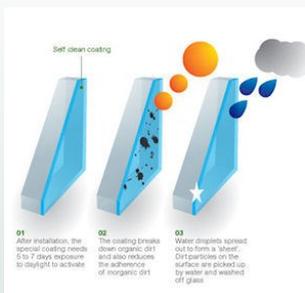
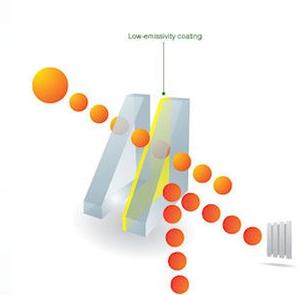
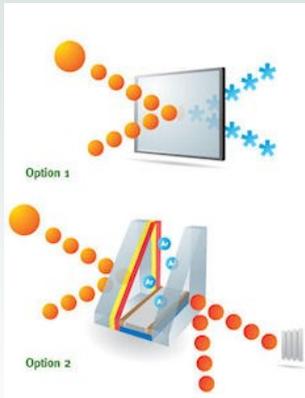
- ◆ Provide same safety features as the Egress Hinge
- ◆ Provides access to both sides of the window for easy cleaning.



Mega Egress Hinge

- ◆ Highest Specification
- ◆ Increased Load bearing capacity
- ◆ Necessary with all triple glazing

Glass options



Solar Control

Beautiful glass buildings have become increasingly popular but with them come important questions for comfort of the occupants.

Using Solar Control glazing can reduce the costs associated with Air conditioning and combined with a Low-e pane allows for a cooler building in summer months and a warmer one in the winter. Not only is this a highly cost efficient solution but it also reduces energy consumption.

Low e-coating

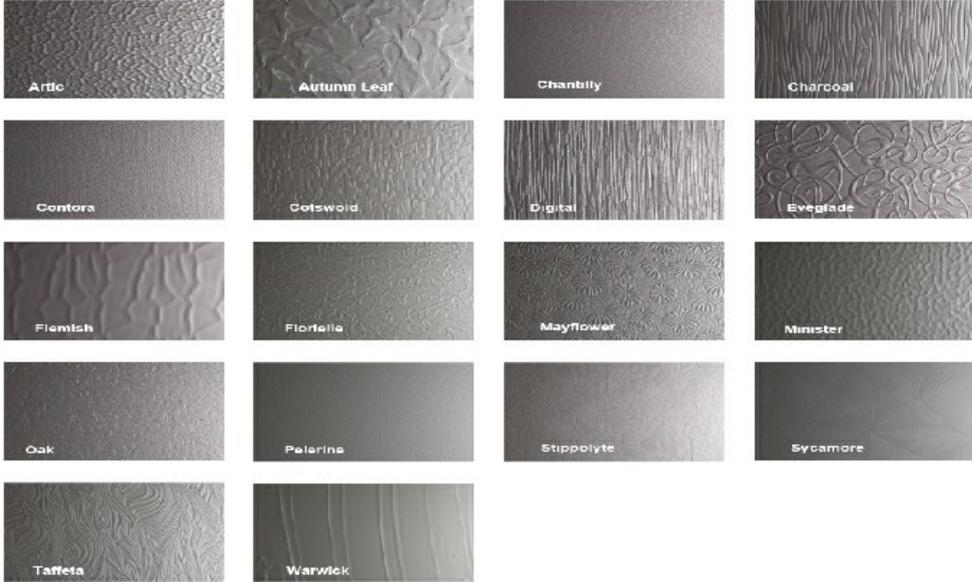
Using products with a Low e-coating enables the sun's natural heat (solar gain) to pass easily through the glass. A Low e-coating reflects the heat gain back into the room making this a more energy efficient building. We offer a wide range of Low-e products offering varying levels of performance.

Self-Cleaning

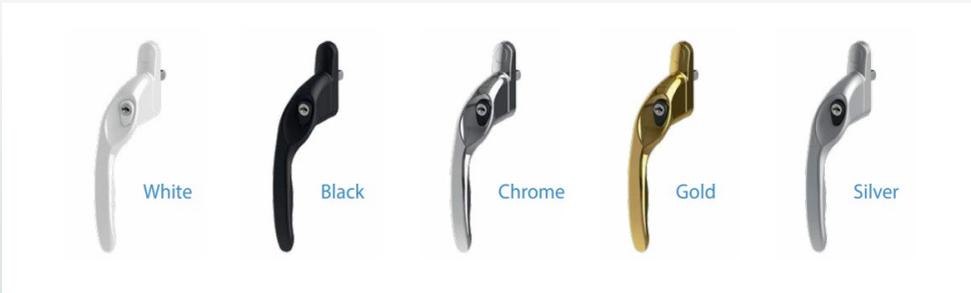
The absolute revelation of 'Self Cleaning Glass' offers clear glass at low maintenance in those hard to reach places like conservatory roofs. We stock Pilkington Activ™

Obscure Glass

If you are looking for extra privacy but don't want to lose light within your rooms then obscure glass could be the solution. We provide a range of obscure glass options to give you the exact level of privacy required.



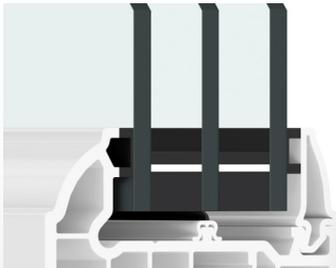
Handle Colours



Triple Glazing available



- 1** Enhanced Security. A third pane of glass provides an extra layer of defence against an attempt to break in.
- 2** Noise Reduction. A second unit cavity makes sound wave transfer more difficult, providing superior noise reduction.
- 3** Energy Retention. With the 36mm glazing bead the triple glazed units can achieve U-values as low as $1.0 \text{ W}/(\text{m}^2\text{K})$



A specifically designed “flatter” glazing bead allows our frames to accommodate a thicker triple glazed unit.



Unique multi-chambered profile design provides superior insulation when compared to other uPVC systems.

Window options



Astragal / Georgian Bars

Astragal bars run through the mullion sections creates an aesthetic which faithfully replicates the look of real wood.

Georgian bars sit within the sealed glass unit to provide



Trickle Vents

Seamlessly integrated into the frames of uPVC windows and can be opened or closed to control airflow into the property.



Screenline Integral Blinds

ScreenLine systems work on the principle of a blind sealed in a double glazed unit. Once sealed, the blinds will require no cleaning or dusting, as they are protected from dust and other contaminants. Therefore the blinds will always appear new, thus adding to the order and elegance of your conservatory or double glazed windows. The blinds are available in a choice of colours and can be ordered in either a Venetian or a pleated variety

Window trims & tools

We stock a full range of trims including battens, quadrants, edge fillets, D Moulds, architraves and flat trims. Many are available in a variety of colours and grains to compliment your installation.



Silicones, fillers, fixings & cleaners

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We stock all the ancillaries you may need to complete your installation. Silicone is available in a range of colours together with a range of fixings, tools, fillers, caulk, foam and cleaning products.



Window Checklist

Checklist

1.	Choose style required	✓
2.	Hinge Design	✓
3.	Handle Colour	✓
4.	Glass Type	✓
5.	Pattern if Obscure	✓
6.	Trickle Vents	✓
7.	Astragal Bar	✓
8.	Georgian Bar	✓
9.	Cill size	✓
10.	Trims	✓
11.	Fixings	✓
12.	Cleaners	✓
13.	Provider External measurements	✓
14.	REQUEST QUOTE	✓



GLAZING SHOVEL



GLAZING PACKERS



GLASS GAUGE

The Carlton Window Service

CUSTOMER QUOTES



DIRECT FRAME ANCHORS



WINDOW TRIMS



GLUE & ACTIVATOR

Liniar Doors

The profile, or frame, in a Liniar door contains multiple chambers to minimise the transfer of heat from the inside of your property to the outside. This, together with other innovative design enhancements, helps to minimise your energy costs. The Liniar range includes a beautiful selection of bi-folds, patio & French doors along with PVCu residential and composite doors.

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PVCu Entrance Doors



1 Choice.

Style your door to your own personal taste with a wide range of panel designs and glazing options.

2 Secured by Design.

The optional “SBD Accredited” pack for the ultimate door security is available on all our doors.

3 Insurance Backed.

Our doors come with the manufacturers promise of £1000 towards your contents policy in the unlikely event of break in.

4 Double Rebated.

Outer frame profiles feature a double rebated design for extra defence against Mother Nature.

5 Yale Locks.

Yale Lockmaster® multipoint locks, the UK’s top selling door lock, are fitted into every door we make.

6 Threshold Options.

Choose from standard or low uPVC threshold or a standard or

PVCu Stable Doors



1 Useful.

Can be upgraded to include additional tilt facility to enjoy the ultimate in flexibility of operation.

2 Convenient.

Sashes disengage to allow the top half of the door to move independently from the bottom.

3 Versatility.

With the two sashes coupled together the product functions as a normal entrance door.

4 High Security.

High security locking systems are fitted as standard.

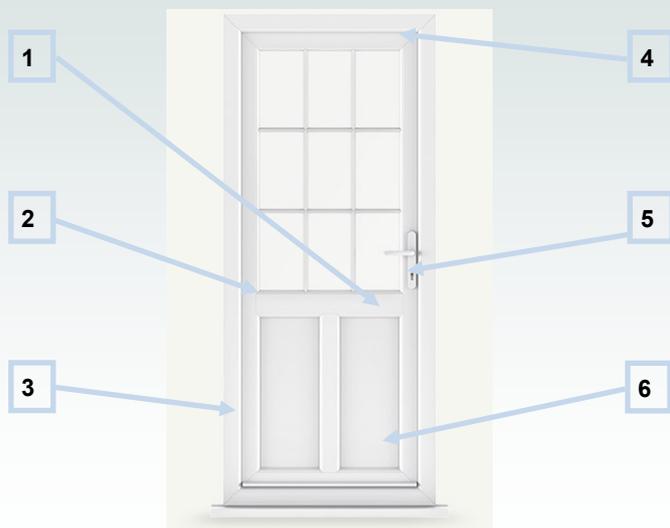
5 Double Drip Bars.

Drip bars are fitted to both sashes of our stable doors as standard to prevent water ingress.

6 Low Thresholds.

Low threshold and wheelchair threshold options are available.

PVCu Back Doors



1 Panic Door System.

Push bar panic door options are ideal for domestic situation requiring an emergency escape.

2 Universal Rebate.

A common rebate detail on all products means doors can have astragal bar glass decoration too.

3 Superior Sealing.

The back doors have superior gaskets providing protection from the harshest of weather conditions.

4 Hand Finished.

Carefully hand finished to unbeatable high quality.

5 Yale Guarantee.

All doors fitted with Yale Lockmaster® are guaranteed against mechanical failure for 10 years.

6 Panel Choices.

Choose from a range of raised half, quarter and flat panels.

PVCu French Doors



1 Security Shootbolts.

Yale's lockmaster® multipoint lock with added high security shootbolts supplied as standard.

2 10 Year Guarantee.

10 year manufacturer's guarantee against cracking, warping or discolouration.

3 Milled Threshold.

Exclusive milled frame-to-threshold jointing system eliminates moulded plastic end caps.

4 Door Restrictors.

Optional fitted restrictors avert damage by preventing opening past a set angle.

5 Hinges by SFS Intec.

Available in 8 colours, our premium range of Italian "Dynamic 2D" door hinges offer a slimline design.

6 Cohesive Colour.

PVCu Patio Doors



1 Liniar 10 Year Guarantee.

All profiles are guaranteed against cracking, warping or discolouration for 10 years from installation.

2 Yale Modlock™.

The modular locking system makes them the most secure uPVC patio doors in the market.

3 Air-Glide System.

Multi-wheeled 'air-glide' running systems keeps perfect balance for smooth and silent operation.

4 Maximum Security.

High tensile steel shootbolts provide additional locking points at both head and cill.

5 Child Friendly.

The locking mechanism has a "finger-traps-free" design to protect small children.

6 Clever Thresholds.

Wrap-over design prevents scuff marks. Low threshold and ramp

Alumina Bi-Fold Doors



- ◆ Aluminium bi-folding doors up to 6.5m wide and 2.5m high.
- ◆ Fully matches the sculptured lines of LINIAR PVCu windows and doors.
- ◆ The only foiled aluminium bi-fold doors on the market. Foiling can be applied to the exterior or interior of the doors or indeed to both sides.
- ◆ Choice of thresholds available - including Part M compliant options.
- ◆ Thermally efficient - U values as low as 1.2W/M²K
- ◆ PAS24, Secured By Design, Part Q compliant.

Scan here for an Operation Guide



Choosing a Bi-Fold Door

Where are the doors Located?

If your property is exposed or subject to high winds and inclement weather you may wish to order a set of doors with a lower U-value or even triple glazing. This means they will be more efficient at keeping the cold outside.

You may also find a standard threshold appropriate for increased weather tightness.

Should doors open inwards or outwards?

If you wish to maximise space inside your room then bi-folding doors that fold on the outside will usually be preferable. If the outside space is restricted then select doors which open inwards. Consideration should be given to internal furnishing and curtains.

Will the doors be used as a main entrance?

If so, you may wish to consider a set of bi-folds with one door that opens independently of the other panes, like a normal hinged door thus avoiding the need to fold back the full set each time. This may be particularly appropriate for letting pets outside regularly.

Do the doors need to match your windows?

If you have PVCu windows on the same elevation of the property, you may wish to select a fully matching aluminium bi-fold door.

Alumina allows you to choose from a wide range of foiled finishes, or you can ask for a powder-coated finish in almost any colour.

Consider the size of your aperture and configuration required.

Alumina bi-folding doors are made to order, with a maximum sash height of 2.5m. Determine the configuration dependent upon the width and number of panes required. As few panes as possible gives more glass and less visible frame, and the cost should be lower too.

Do you need low threshold access?

There are three types of thresholds available, none of which need involve any excavation work, as they've been cleverly designed to sit on existing

Scan here for an Installation Guide



Alumina Bi-Fold Doors

Matches Liniar Windows and Doors

Designed to perfectly compliment the whole range of Liniar products. You can now choose cost effective, thermally efficient PVCu windows to match an aluminium bi-folding door.

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Alumina Bi-Fold Doors

Foiled finishes

Alumina doors are supplied as standard in plain white, black or grey (7016) powder coated finishes.

Like other aluminium bi-folds Alumina can be painted in just about any powder-coated colour simply quote a RAL number.

With Alumina, however, you can opt for a woodgrain or flat foil finish.

As doors are manufactured to your bespoke specification you could choose to have a powder-coated interior and a foiled exterior or opt for foiled finish on both sides.

If you have foiled PVCu windows in your property you can achieve a



Alumina Colour Options

Colour Options

Available as standard in plain white, black or grey (7016) powder coated finish - or to any colour option - just quote the RAL number. Woodgrain and foil options are shown below, however, please see the Alumina swatch booklet for the most accurate colour choice and match.



White Powder Coat Paint



Black Powder Coat Paint



Grey (7016) Powder Coat Paint



White Foil



Cream Foil



Chartwell Green Foil



Irish Oak Foil



Golden Oak Foil



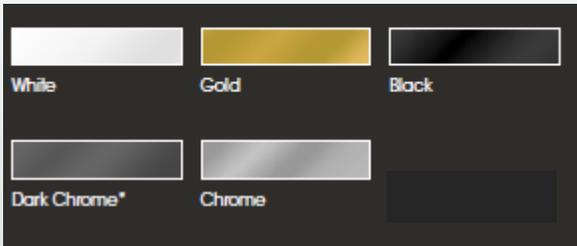
Rosewood Foil



Grey (7016) Foil



Black Foil



Handle Colours

Both main and slave door handles are available in a range of options.

Alumina threshold options



Frame Only

62mm high

Used in conjunction with stone cill



Frame & cill

92mm high

Most common for the majority of building types



Low Threshold

23.5mm high

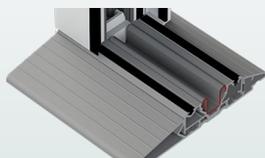
Minimises trip hazard



Low Threshold & Half ramp

26.5mm high

Enables interior floor to be fitted flush to the door.



Low Threshold & Full ramp

26.5mm high

Makes Low Threshold Part M compliant for wheelchair access.

Bi-Fold Doors - Configuration

2 PANES



3 PANES



4 PANES



5 PANES



Pane Numbering System 4-3-1

4 - The first number shows the total number of doors within the frame.

3 - The second number shows the majority of doors folding back to either left or right.

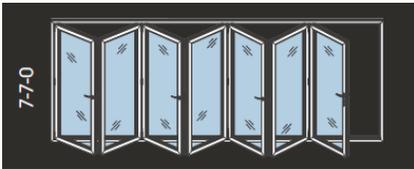
1 - The third number shows the balance of

Bi-Fold Doors - Configuration

6 PANES



7 PANES



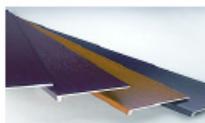
The Range

Over 3000 Products!

PVCu Colours



PVCu White
RAL 9016



PVCu Standard Grain
Mahogany, Rosewood, Light Oak, Black



PVCu Premium Grain
Cream, Grey, Irish Oak, White



PVCu Solid Colour
Black, 4 Greys, Brown, Cream & More



PVCu Colour Bonded
to any RAL

PVCu Roofline



Capping Fascias



Replacement Fascias



Plain Soffit Boards



Vented Soffit Boards



Hollow Soffits



Decorative Boards



GRP Finials



GRP Dentils



GRP Exterior Cornices



PVCu Cladding



Over Fascia Vents

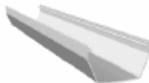


Polytop Fixings

PVCu Guttering



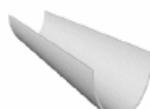
Half Round



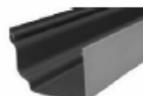
Square Line



Deep Flow



Super Deep



Ogee



Cast Iron Effect

PVCu Windowline



Architraves



Ogee Architraves



Window Trims



Internal Windowboards



External Cills



PVCu Angles



Acrylic & Silicones



Foam & Cleaners



Glue, Sealants & Fillers



Fixings



Glazing Packers



Tools

PVCu Windows, Doors & Conservatories



PVCu Windows



PVCu Vertical Sliders



PVCu Tilt & Turns



PVCu French & Patio Doors



PVCu Doors



Composite Doors



Aluminium Bi-Folds



Conservatory Roofs



Self-Support Glazing Bars



Timber Supported Glazing Bars



Glass Lanterns



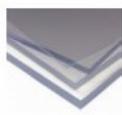
Double Glazed Units



Polycarbonate Sheets



Polycarbonate & Glazing Accessories



Solid Polycarbonate



Acrylic Sheet



Laminated Windowboard



Roof Vents

Other Products



PVC Corrugated Sheet



PVCu Sheets



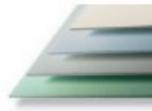
PVCu Panels



Composite Decking



Internal Cladding



Hygiene Cladding



Carports



Roof Domes



GRP Door Canopies



GRP Gallows Brackets



PVC Shutters



GRP Decorative