

# WINDOW --- WAREHOUSE

Windows | Doors | UPVC | Aluminium

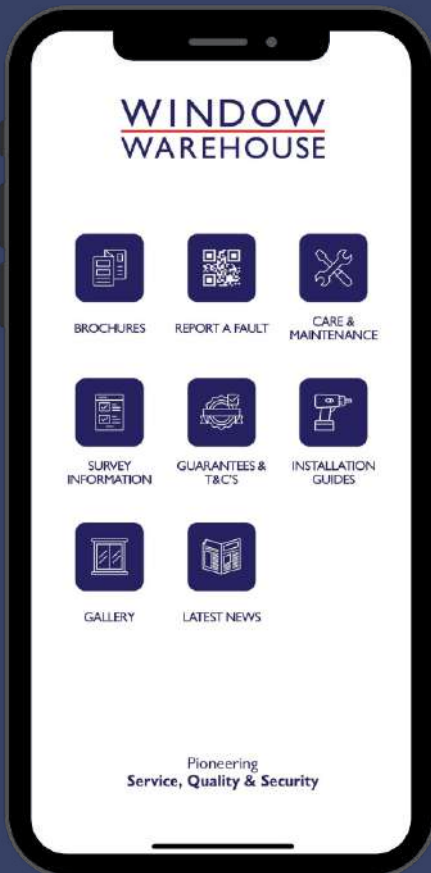


*Pioneering Service, Quality and Security*

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- Maintenance Manuals
- Survey Information
- Guarantees
- Installation Guides
- Gallery & Brochures
- Latest News



The ultimate tool for all your  
window and door needs...

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# Over 37 years in the industry

Window Warehouse are manufacturers and suppliers of windows and doors. Based in Hampshire but covering Surrey, London, Berkshire, Essex, Kent, Wiltshire, Sussex, Swindon, Dorset and all the surrounding areas, we supply our double glazing to a range of registered installers. Find your nearest installer today or start an online quote for any of our windows, doors and roofs.



# Manufacturing for the Best in the Business

**ALUK**



**MILA**



**DOORCO**



*The Palladio Door Collection*



## March 2021

Despite Brexit and the COVID-19 pandemic, we celebrated our 35<sup>th</sup> anniversary.

## June 2021

We began operating with a second factory, allowing us to run our aluminium production independently.

## July 2022

We launched our own Vertical Sliding Sash Window.

## January 2023

We launched our new composite door range with DoorCo.

## May 2023

Window Warehouse app launched.

# Rustique

## 1 Chambers

Five fully enclosed chambers with an increased wall thickness offer additional product strength, rigidity and performance in addition to improved thermal efficiency.

## 2 Reinforcement chamber

The additional chamber enables galvanised steel reinforcement to be used for greater strength and rigidity.

## 3 Single leg bead for quick and easy glazing

Our single leg bead has a simple 'knock-in' design that is fitter friendly and will make glazing on site quick, easy and more positive. The single leg bead provides a performance to BS7950 Security enhancement standards.

## 4 PCE gasket

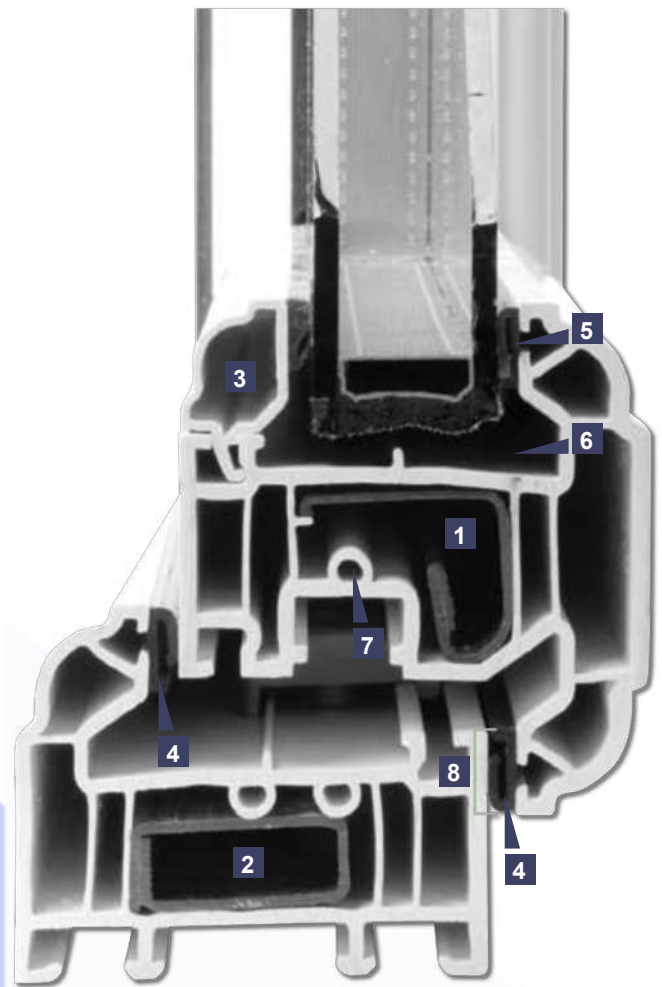
Our PCE low level gasket allows quicker fabrication and installation. The heat bonded gasket means that there is no shrinkage or any risk of the incorrect gasket being fitted. It gives a consistency in quality and finish, which reduces any hard lumps in corners and overcomes any stretching problems. It features a new weather seal flipper and 3.0mm glazing pad for an improved seal.

## 5 Low level gasket

Our PCE gaskets are low level, which means they are designed to fit in with the profile so that the maximum glass area is made visible with no unsightly gasket lines.

## 6 Drainage

A wider drainage channel allows for quick draining of any water/residue build up for an improved performance.



(P10638 Sash shown)

## 7 Top hat fixings and screw ports

Hardware and striker keeps are screwed into top hat fixing points and screw ports for an improved technical and enhanced security performance.

## 8 10mm overlap

A 10mm overlap as standard gives an increased weather performance.

Our systems have a simple 'clip on' feature for the easy fitting of frame extensions, sills and ancillaries without the need for screw fixings. Most leading brands of hardware are compatible with our systems.

# System 10

## 1 Chambers

Fully enclosed chambers (four for the sash and three for the frame) with increased wall thicknesses offer additional product strength, rigidity and performance in addition to improved thermal efficiency.

## 2 Reinforcement chamber

The additional chamber enables galvanised steel reinforcement to be used for greater strength and rigidity (image shows thermal outerframe sleeve).

Our unique reinforcement design ensures optimum strength and rigidity without compromising thermal efficiency.

## 3 Single leg bead for quick and easy glazing

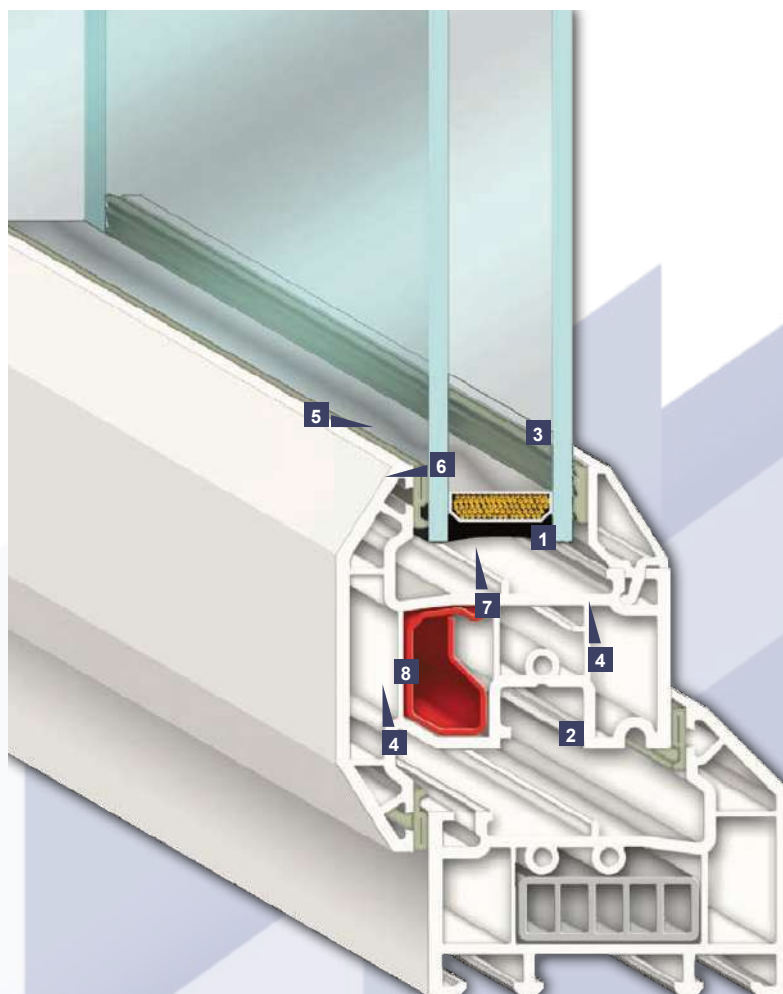
Our single leg bead has a simple 'knock-in' design that is fitter friendly and will make glazing on site quick, easy and more positive. The single leg bead has been tested to BS7950, for enhanced Security standards.

## 4 PCE gasket

Our PCE low level gasket allows quicker fabrication and installation. The heat bonded gasket means there is no shrinkage or any risk of the incorrect gasket being fitted. It gives consistency in quality and finish, overcomes any stretching problems and maximises compression. The special design for the gasket channel reduces the risk of hard lumps in corners and allows for the replacement of gaskets in case of damage. It features a new weather seal flipper and a glazing pad for an improved seal.

## 5 Low level gasket

Our PCE gaskets are low level, which means they are designed to fit in with the profile so that the maximum glass area is made visible with no unsightly gasket lines.



## 6 Drainage

A wider drainage channel allows for quick drainage of any water and reduced risk of residue build up for an improved performance.

## 7 Top hat fixings and screw ports

Hardware and striker keeps are screwed into top hat fixing points and screw ports for an improved technical and enhanced security performance. The system has been tested to PAS024 security standard.

## 8 10mm overlap

A 10mm overlap as standard gives an increased weather performance.

# UPVC Casement Windows

Casement windows are among the most versatile of all the systems we manufacture from our base in Portsmouth, Hampshire. We can create an outward opening window in almost any configuration, ranging from fixed frames to wider bow and bay sets. Whatever your requirement, it can be manufactured by Window Warehouse for you.



- 7-10 day lead time on stock colours and standard foil profiles.
- Available in fully **chamfered** and **fully sculptured** profiles.
- **Thermally efficient** profile with a U-value as low as 1.1 W/m<sup>2</sup>K when triple glazed and 1.4W/m<sup>2</sup>K when double glazed.
- Options for top and side hung layout alongside a **70mm profile**.
- PAS 24 and Doc Q approved security available upon request.





White	Cream	Chartwell Green	Pebble Grey	Agate Grey	Silver Grey	
Slate Grey	Anthracite Grey	Anthracite Grey Smooth	Beck Brown	Irish Oak	Golden Oak	Rosewood

Can't find the colour you are looking for? Ask your sales representative for further options.

# UPVC Flush Sash Windows

- 10-14 day lead time on standard foil profiles.
- 70mm uPVC profile with outer frame in either 56mm or 72mm.
- Multi point locking for a secure and protected home.
- Thermally efficient profile with a U-value as low as 1.4W/m<sup>2</sup>K when





White	Cream	Chartwell Green	Pebble Grey	Agate Grey	Basalt Grey	Silver Grey
Slate Grey	Anthracite Grey	Anthracite Grey Smooth	Beck Brown	Irish Oak	Golden Oak	Rosewood

*Can't find the colour you are looking for? Ask your sales representative for further options.*

# UPVC Tilt & Turn Windows

- 28mm to 36mm glazing beads available as standard.
- Our tilt and turn windows have a 72mm uPVC profile.
- Thermally efficient, these windows can achieve U-values of just 1.1W/m<sup>2</sup>K.
- Safe and secure with multi-point locking included.





White	Cream	Chartwell Green	Pebble Grey	Agate Grey	Silver Grey
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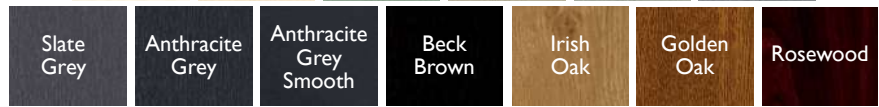
Slate Grey	Anthracite Grey	Anthracite Grey Smooth	Beck Brown	Irish Oak	Golden Oak	Rosewood
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Can't find the colour you are looking for? Ask your sales representative for further options.

# UPVC Fully Reversible Windows

- 68mm reversible sash
- Glazing Beads: 28mm sculptured, 28mm bevelled, 32mm sculptured, 32mm bevelled, 36mm bevelled.
- U-Values as low as 1.4W/m<sup>2</sup>K.





Can't find the colour you are looking for? Ask your sales representative for further options.

# UPVC French and Residential Doors



- Fully configurable uPVC French and Residential door designs.
- Brochures, guides and videos all available from Window Warehouse.
- Security assured for your homeowners.
- We promote quick and transparent pricing on our doors.
- PAS 24 and Doc Q approved security available upon request.





### Fitted with Kubu

- No additional work at the point of installation.
- Gain more sales by offering smart home Technology.
- Gain access to free homeowner leads from Kubu.
- Simple, fast and easy set up for homeowners.



*Can't find the colour you are looking for? Ask your sales representative for further options.*

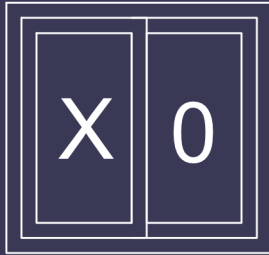
# UPVC Patio Doors

## Configurations

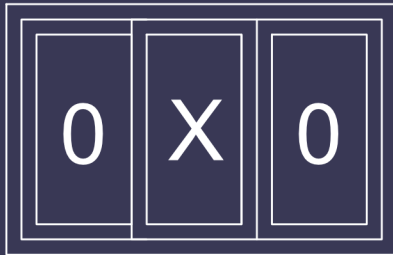
Width Range:

Minimum      Maximum

1600mm      3000mm



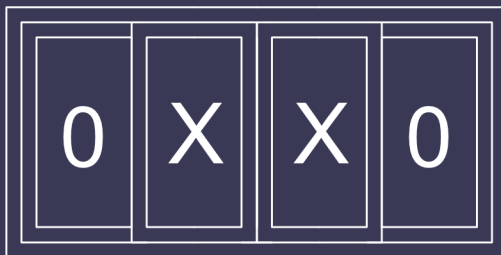
2400mm      4000mm



2400mm      4000mm



3000mm      5000mm

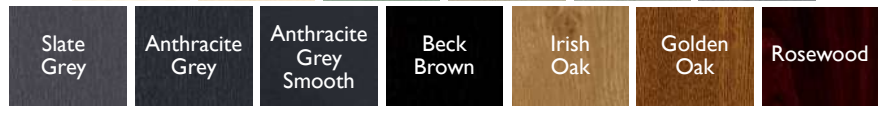
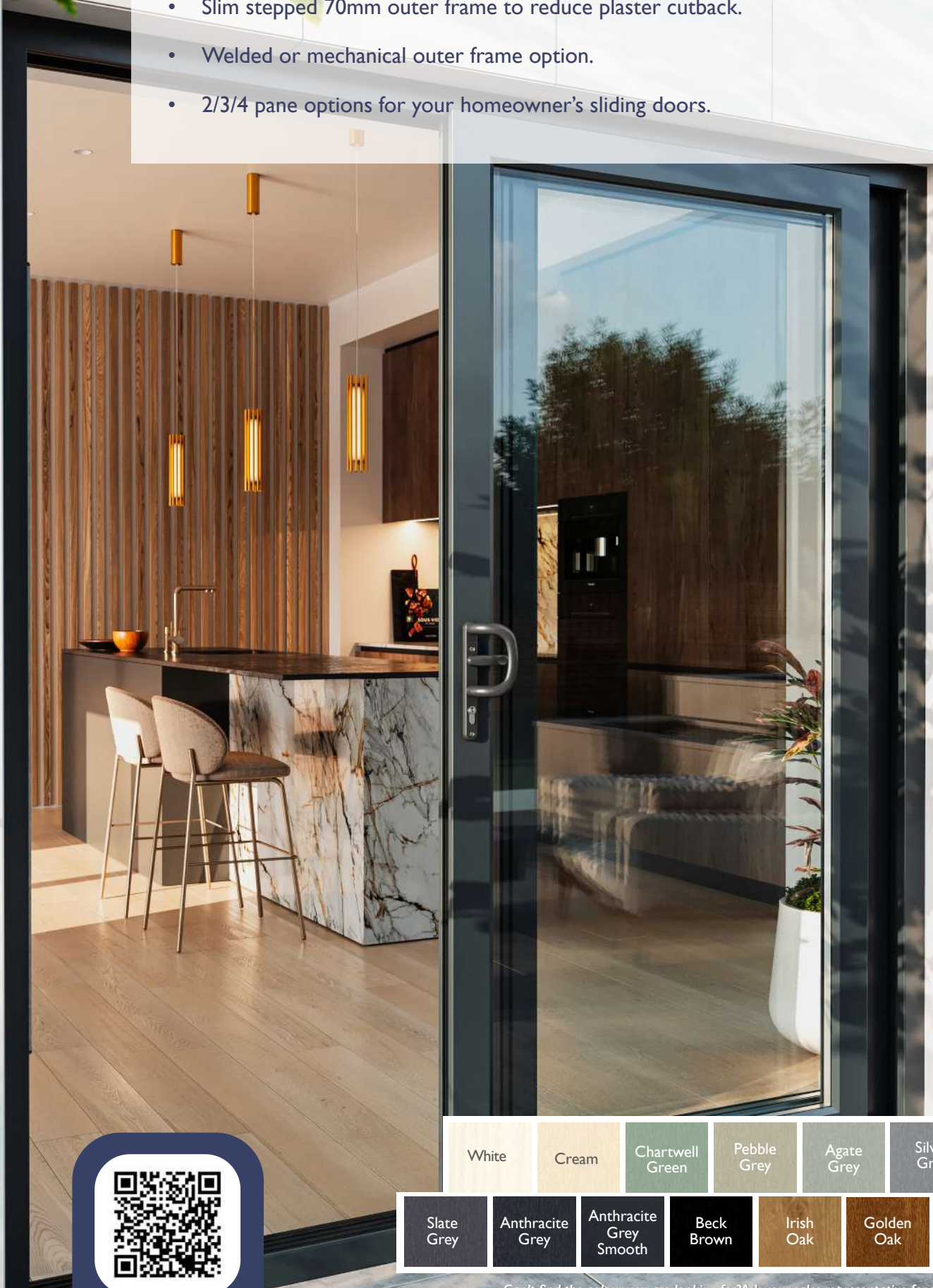


Height Range (All styles):

Threshold      Minimum      Maximum

 105178	2000mm	2400mm
 104324	1965mm	2365mm

- Concealed drainage and double wool piping for improved weather proofing.
- Mid rail with letter plate available on our uPVC patio doors.
- Slim stepped 70mm outer frame to reduce plaster cutback.
- Welded or mechanical outer frame option.
- 2/3/4 pane options for your homeowner's sliding doors.



Can't find the colour you are looking for? Ask your sales representative for further options.

# The Sussex Door

Hand-crafted range of bespoke residential doors...

A double rebate residential door with mechanical joints. These doors are considered a more cost-effective option over a composite with a mechanical mid-rail and mechanical mullions to give a traditional look.

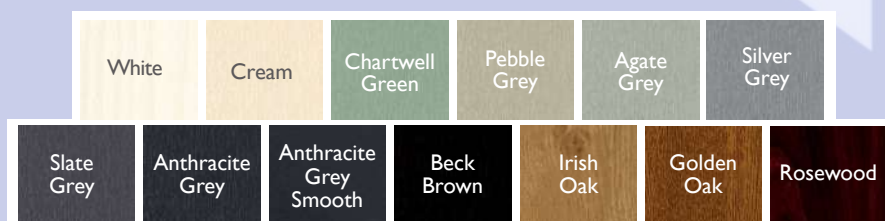
The Sussex Doors combines the beautiful looks of solid timber doors with the benefits of long life, low maintenance materials.

Energy efficient to minimise your energy bills, they're extremely secure, strong and robust. So they stay looking beautiful. Keeping warmth in and the weather and unwanted intruders out.

- 21 traditional and contemporary door designs
- 13 woodgrain foiled colourways
- Slim stepped 70mm outer frame to reduce plaster cutback.
- Fully steel-reinforced outer frame and sashes

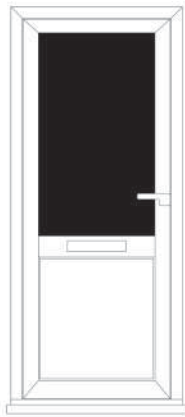
## Security options include:

- Multi point lock or slam lock
- Ultion highest- security cylinders
- Evolution hi-security hinges

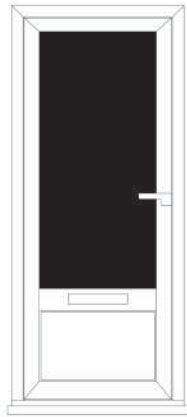


*Can't find the colour you are looking for? Ask your sales representative for further options.*

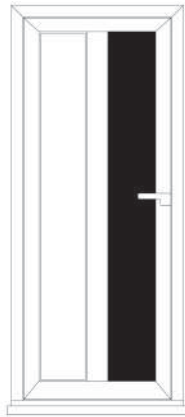
# Styles



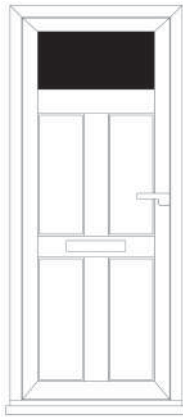
Amberley



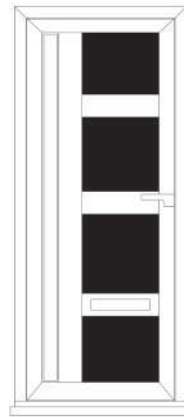
Bolney



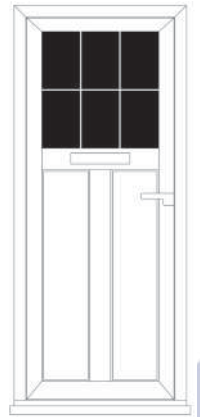
Chailey



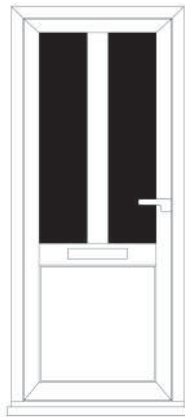
Charlwood



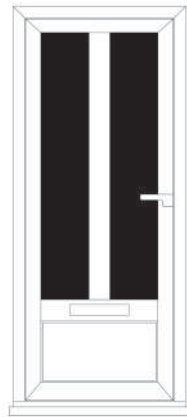
Hurstwood



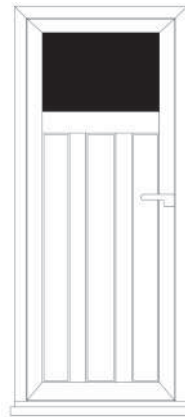
Glynde



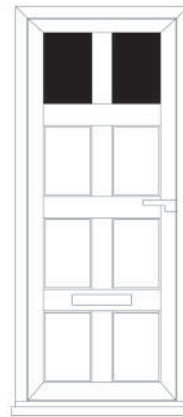
Berwick



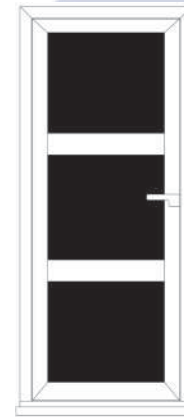
Arlington



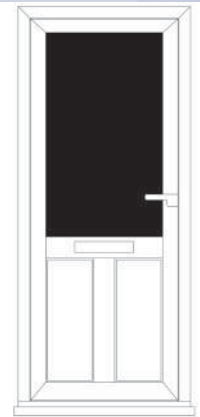
Balcome



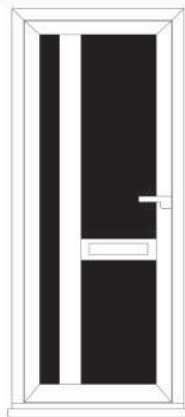
Buxted



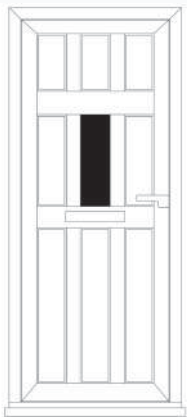
Petworth



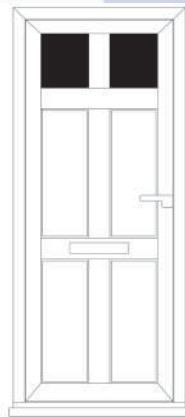
Chiddingly



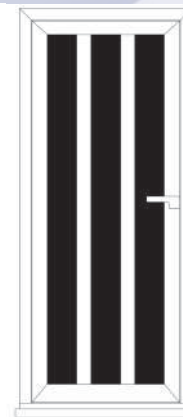
Fernhurst



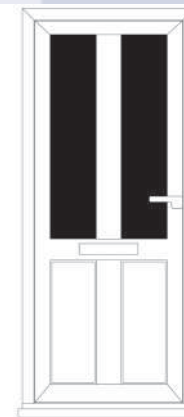
Firle



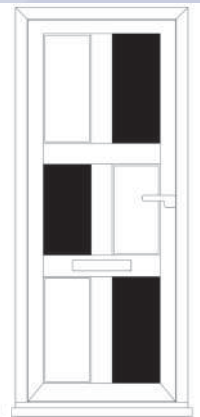
Friston



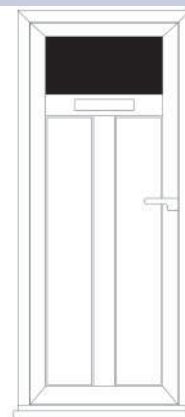
Ardingly



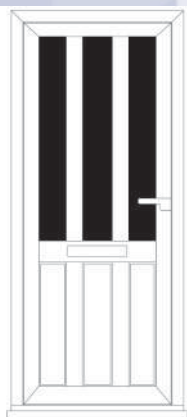
Northiam



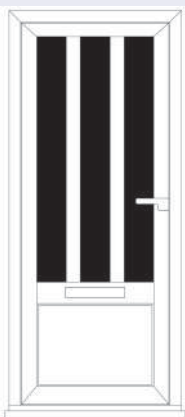
Newick



Wilmington



Warnham



Bodiam



# DoorCo Composite Doors



- All doors meet the requirements of the current Building Regulations.
- Composite Doors filled with CFC-free polyurethane foam.
- Slam shut lock available.
- All doors are in line with Approved Document Q.
- Developed specifically for the UK market.
- Inner core of LVL encased with composite stiles and rails.
- Slab thickness: 44mm
- Laminated glass as standard.



# Styles

## TRADITIONAL



Carnoustie Birkdale Penina Pinehurst Troon Muirfield Muirfield Solid Riviera Sunburst



Turnberry Turnberry 11Grid Gleneagles Gleneagles 4Grid Belfry Belfry 3 Pevero St Andrews St Andrews Solid



Farmhouse Solid Merion Merion 4Grid Lytham Lytham 4Grid Lytham 9Grid Portrush Sunningdale

## CONTEMPORARY



Seminole Vilamoura Oakmont & Copenhagen Augusta Augusta Long Inox Monaco Inox Barcelona Inox Paris Inox Biarritz



Inox Nice Inox Lyon Inox Munich Chantilly



Monza II Inox Monaco Links Square Links Oakmont Links Copenhagen Links Augusta Links Augusta Long

## DESIGNER

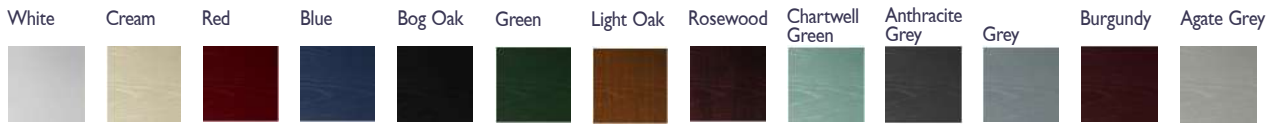


Monza II Square Monza II Oakmont Monza II Inox Nice

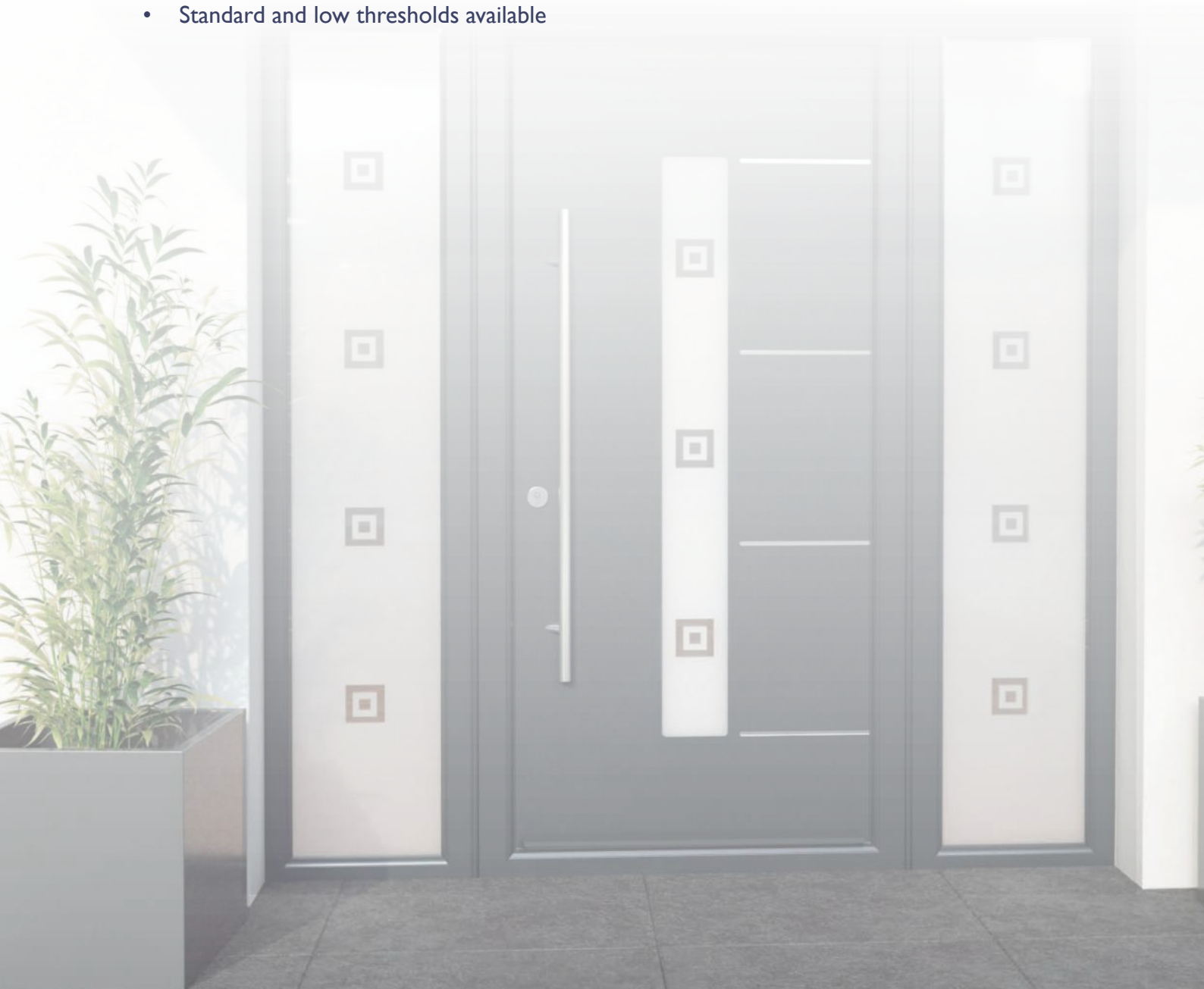


Monza II Solid Monza II Augusta Long Monza II Augusta

# Palladio Composite Doors



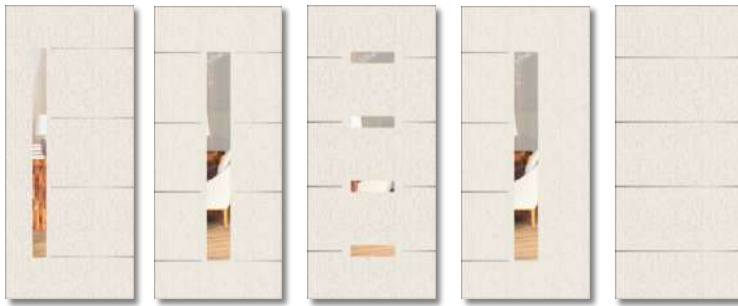
- Looks like a natural wooden door using original mould tooling
- Double rebate using two seals
- 65mm fibreglass reinforced Monocoque Composite Door
- Heritage slam lock
- Triple glazing as standard
- Standard and low thresholds available





# Styles

Avant Garde Collection



Barcelona Gauguin Madrid Matisse Milan

Palladio Collection



Albany Belfast Cashel Dublin Edinburgh Georgian 1 Georgian 2



Georgian Solid Giza Kensington Kildare London Monet Naples



Orpen Oxford Paris Picasso Rome Rubens San Marco



San Marco Solid Sunbeam 1 Sunbeam 2 Sunbeam Solid T&G Glazed T&G Solid Turner Joyce



Viking Santiago Cairo Cambridge Palermo Seville Palermo Solid Glasgow

# Aluminium Heritage (58BW ST)

- Offered in Square, Putty Line and Stepped Edge aesthetics.
- 58mm or 70mm window system.
- Internally or externally glazed.
- 58mm system offers a slimline 43mm frame.
- Authentic astragal bar available to match heritage aesthetic.



**Square**



**Putty Line**



**Stepped Edge**



## **Side hung**

(Max size): 700w x 1400h

(Min. Size): 450w x 450h (excluding cill)

## **Top hung**

(Max size): 1400w x 1200h

(Min. Size): 450w x 450h (excluding cill)

Sightline (Frame to Vent): 66mm

Sightline (Vent to Vent): 102mm

Sightline (Fixed Light): 43mm



# Aluminium Tilt & Turn (58BW TBT)

## Adaptable Aluminium Tilt & Turn Windows

These double glazed windows suit any property type with several opening options providing maximum adaptability for your home.

### Ventilation for Your Home

Due to the versatility of our aluminium tilt & turn windows, you'll be able to get the maximum amount of aeration in your home in one smooth action.

### Easy Clean Aluminium Windows

Cleaning your home's double glazed windows can be costly and time consuming, but only depending on the style of double glazing you have installed. Aluminium tilt & turn windows are an excellent solution to this, with easy cleaning possible from the inside, helping you save both time and money.

### Easy Clean Aluminium Windows

Due to have two functions in the one window style, this allows for ventilation as an option as well as great egress with a 90 degree opening in style. Allowing the end user larger opening areas whilst still having aesthetic and function.



## Tilt & Turn

Max Size (mm): 1200w x 2300h

Min. Size (mm): 480w x 575h

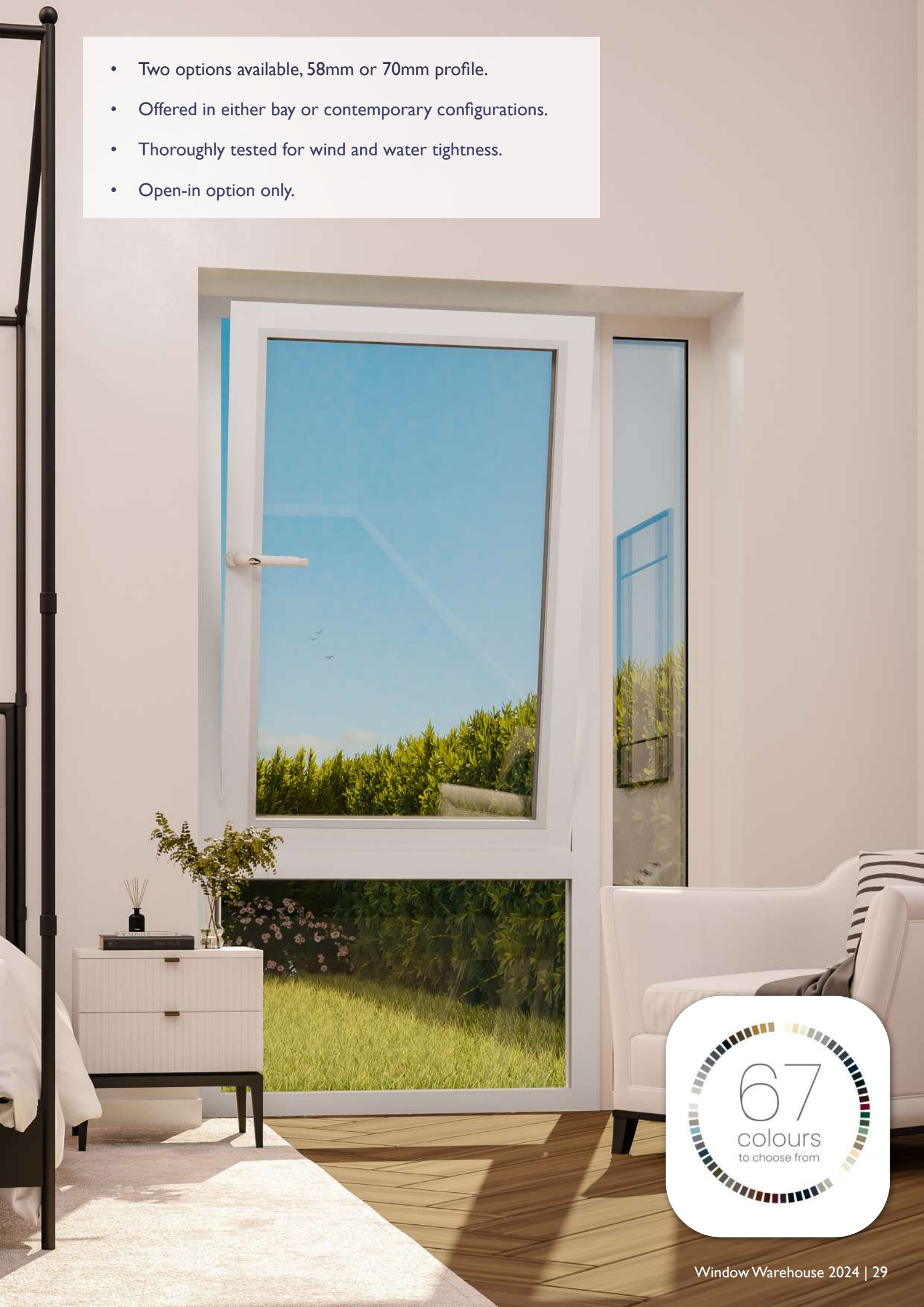
Sightline (Frame to Vent): 97mm

Sightline (Vent to Vent): 156mm

Sightline (Fixed Light): 53mm

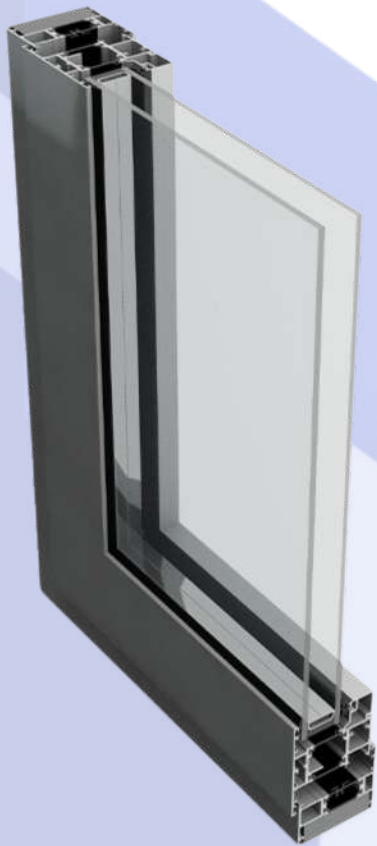


- Two options available, 58mm or 70mm profile.
- Offered in either bay or contemporary configurations.
- Thoroughly tested for wind and water tightness.
- Open-in option only.



# Aluminium Commercial Casement Windows (58BW)

The 58BW window system is built to the highest UK standards and delivers a high-performance and cost-effective solution. This choice of window is perfect for both residential and commercial projects and is available in several formats including Top Hung, Side Hung, and French Casement.



## Side Hung

Max Size (mm) 838w x 1500h

## Top Hung

Max Size (mm) 1500w x 2500h

Sightline (frame to Vent): 75mm

Sightline (Vent to Mullion): 89mm

Sightline (Fixed Light): 53mm

- Our double glazed windows are made with accuracy at our dedicated Portsmouth factory.
- 58mm or 70mm thick aluminium profile.
- Glazing 28mm-36mm





# Aluminium Flush Windows (58BW Flush)

- Our French casement windows achieve U-values as low as 1.4W/m<sup>2</sup>K.
- A 70mm aluminium frame provides a timeless aesthetic.
- Fully secure with multi point locking systems.
- 75mm edge sight line.





## Side hung

(Max size): 700w x 1400h

(Min. Size): 450w x 450h (excluding cill)

## Top hung

(Max size): 1400w x 1200h

(Min. Size): 450w x 450h (excluding cill)

Sightline (Frame to Vent): 98mm

Sightline (Vent to Vent): 115mm

Sightline (Fixed Light): 75mm



# Aluminium Commercial Shopfronts (GT55 NI/TB)

## Ground Floor Treatments Suited to You

Commercial projects often come with tight deadlines, which is something we understand and appreciate at Window Warehouse. We work with you to deliver your commercial aluminium shopfronts rapidly and efficiently.

### Maximum Door Leaf size

Single: 1250w x 2400h

Double: 2500w x 2400h

Sightline (Single): 144mm

Sightline (Frame to Pivot Stile): 184mm

Sightline (Double): 176mm

Sightline (GT55 NI Screening): 55mm





- We manufacture insulated high performance aluminium shopfronts. Non insulated systems are available for shopping centres and internal screening.
- Single and double glazing.
- We cater to both new builds and refurbishment projects.
- Tested up to heights of 2400mm.
- Versatility to provide designers with the look, finish, and performance you require.
- Fully mechanised opening system option.
- Anti finger trap as standard.
- 110mm frame depth.



# Aluminium S67 Inline Sliding Door

The S67 Inline Sliding Door is a forward-thinking addition, designed to meet the highest UK standards. This modern, versatile door is Part L compliant for existing and new homes. It's engineered to blend high performance with contemporary design, offering reliability and flexibility for renovation projects and new buildings.

With double glazing, the S67 achieves U-values of 1.4W/m<sup>2</sup>K, ensuring excellent thermal performance. Additionally, it is compatible with a multi-point lock and features a low threshold, enhancing security and accessibility.

## Design Features

- Wrap around (supplied fully glazed)
- Mitre cut frame
- Standard and reinforced interlock available
- Glazing Gaskets available in Black
- Low threshold 22mm
- Maximum weight per leaf of 200kg



### Options

- Glazing sizing range of 24mm - 32mm
- Multipoint lock
- Single or dual colour with textured or anodised finishes
- 2 to 6 sash configurations available
- Double and triple track options available



### Handle Options:



**PART L  
COMPLIANT**

FOR NEW BUILD HOMES

**PART L  
COMPLIANT**

EXISTING HOMES

# Aluminium SI 40 Lift and Slide Door

The SI 40 is a cutting-edge patio door designed for versatility and customisation. Combining high performance with contemporary design, this door system offers a reliable and stylish solution for modern homes and commercial spaces. It complies with all the building regulations, including Part L, ensuring energy efficiency. The SI 40 also features an 89mm standard interlock and a 4mm slim interlock for enhanced aesthetic appeal.

U-values of 1.2W/m<sup>2</sup>K with double glazing.

U-values of 0.8W/m<sup>2</sup>K with triple glazing.

## Design Features

- Doc L compliant U-values for refurbishment and new build properties
- Slimline outer frame with flush frame-sash sight line
- 2-part triple track profile for ease of fabrication and installation
- Accepts 24mm - 48mm glazing
- Max 420kg panel weight
- Slim interlock 44mm



## Options

- Multiple sliding configurations
- Double and triple track options
- Available in single, dual colour and anodised finishes
- Range of hardware and security features
- Dedicated Cill
- Quick Clip

# QUIKCLIP™

Innovative clip-in bead technology

The Quick Clip is designed to make installations quicker, easier, and more efficient for you as an installer with no compromise on quality or performance.



**PART L  
COMPLIANT**

FOR NEW BUILD HOMES

**PART L  
COMPLIANT**

EXISTING HOMES

# Aluminium Heritage Door

The stylish and industrial Heritage Entrance Door allows you to create a seamless aesthetic across a wide range of door openings sizes and uses, from single doors to French door with multiple fan lights (each individual door can be up to 2m wide x 2.3m high)

Slim sightlines of just 51.7mm maximises the natural light coming into the home. It also features period inspired door handles in matt black, antique bronze, heritage black or heritage grey.

U-Values of 1.4 w/m<sup>2</sup>K make it fully compliant with Part L Building Regulations for refurbishment projects. The standard finish is classic matt black, but any colour can be ordered inside and out to suit any home.

Crafted to match perfectly with the AluK Heritage Window system.



## Design Features

- Suited to existing 58BW ST HI range of profiles, beads and ancillaries
- 45 degree mitre and crimped sash
- Slim sightlines: 51.7mm sash / 112.5mm sash to mullion
- New Heritage door 28mm QUICK CLIP bead for door sash
- Open Out/In 90 degree door restrictor

## Configurations:



Single Door  
Open In & Open Out



Single / Double Door  
+ Side Lights

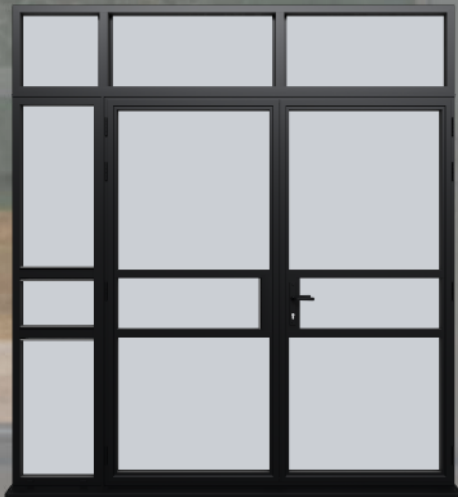


Double Door  
Open In & Open Out

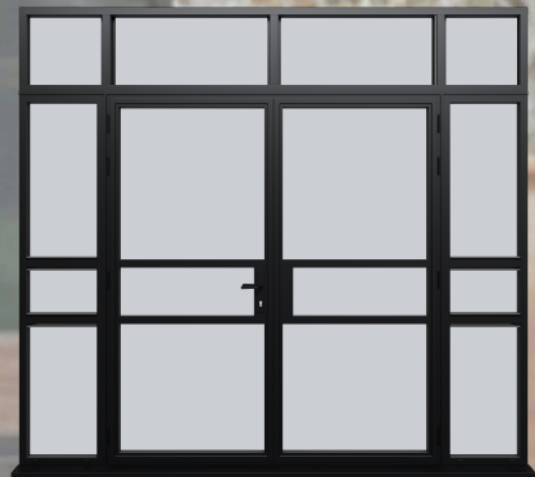


### Options

- Suited Heritage door hardware and handles in four colours/ textures
- Option to add multiple horizontal and vertical profiles to door sash using plant-on bars or 46.5mm door transom profile
- Configurations of single / double / open-in /open-out with options for side and fan lights



Single / Double Door  
+ Fan Lights



Double Door  
+ Fan Lights

# Aluminium (BSF70) Bi-fold Doors

## Insulated Aluminium Systems

Homeowners value high levels of protection from outside elements when selecting their home improvements. Our aluminium bifold doors provide perfect water tightness, excellent energy efficiency and burglar resistance to give your home complete protection.

We have a whole factory at our base in Portsmouth, Hampshire dedicated to producing our aluminium products. When handcrafting our bespoke aluminium bifold doors, we ensure the best possible fit of our products in your customer's home.

## Upgrade to the Hi System?

You can always upgrade to the Hi system where Aluk have added more innovation to the polyamide thermal break. This is to give much better thermal value whilst not disturbing the finish or aesthetic of their well-known product.

- 70mm aluminium profile thickness.
- Array of configurations.
- Double glazing comes as standard.
- 141mm interlocking system.
- Cornerless post bifold doors available.
- Q Secure Hardware available.
- 3\* cylinder as standard.

Max Leaf Height 2400mm

Max Leaf Width 1200mm

Min 600mm width

Sightline (Interlock): 141mm

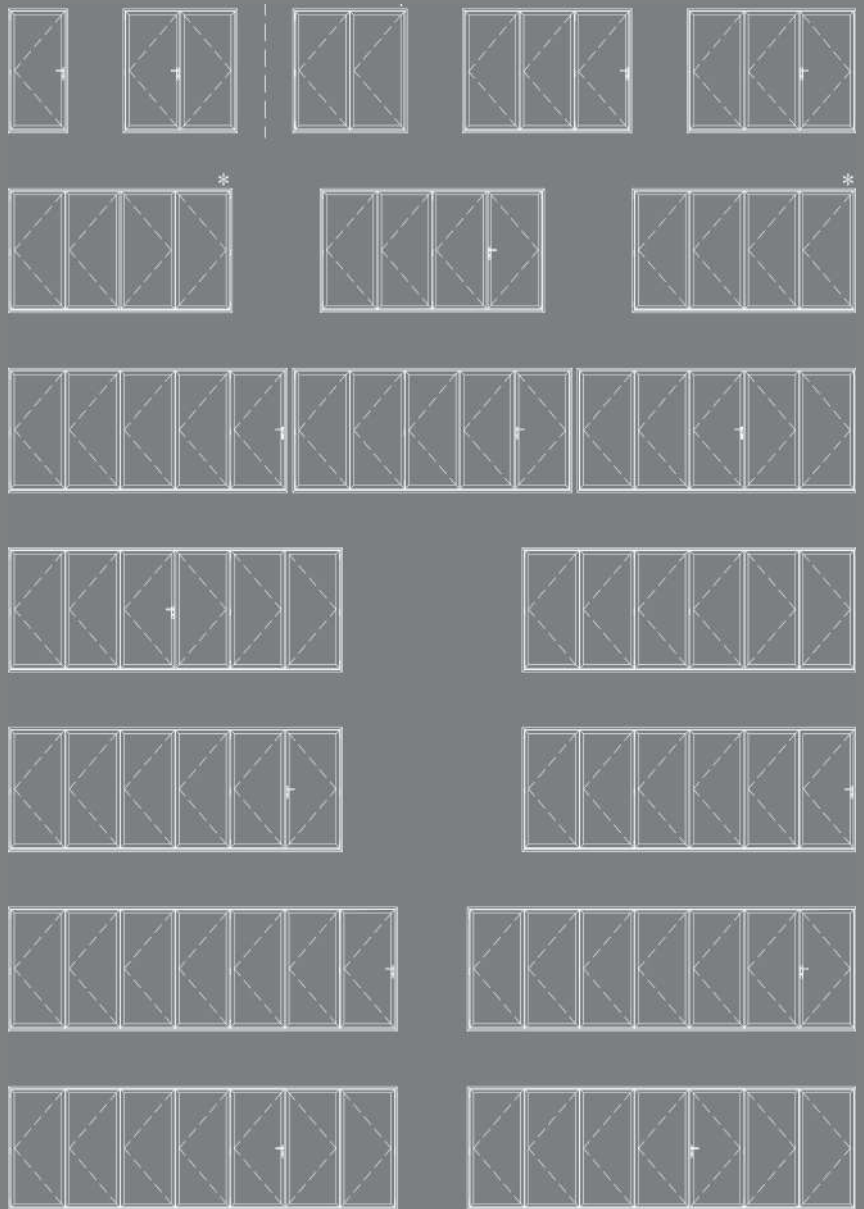
Sightline (Cill): 131mm

Sightline (Head): 131mm

Sightline (Jamb): 131mm



# Configurations



\*No external access



# Aluminium Patio Doors (BSC94)

- We offer the BSC94 in 'inline' and 'lift and slide'.
- You can choose between double or triple sliding track options.
- Interlock of 85mm with option for slim central interlock of just 44mm for our BSC94 range.



Max Frame Height: 3000mm

Max Vent Width: 2000mm

Max Frame Height With Security Features: 2600mm

Sightline (Interlock): 85mm

Sightline (Head): 116mm

Sightline (Jamb): 116mm



# Configurations

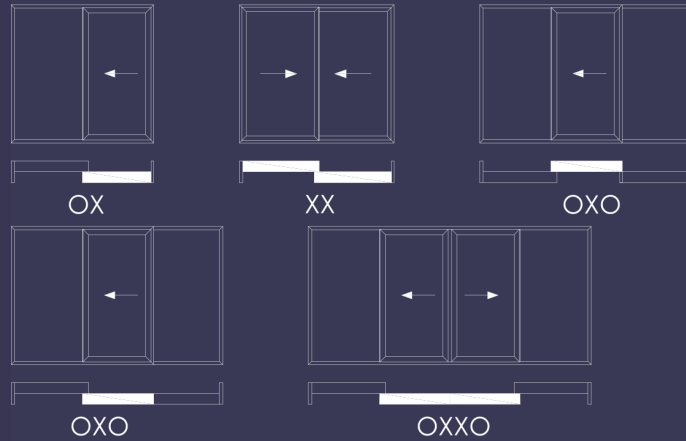
## Monorail

Applicable for In-Line sliding and Lift & Slide door configurations



## Duorail

Applicable for In-Line Sliding and Lift & Slide door configurations



## Trirail

Applicable for In-Line sliding door configurations



# Aluminium Residential and French Doors (58BD)

- Our aluminium residential doors are available in double or triple glazing.
- Two options available, 58mm or 70mm profile.
- Low threshold options on offer for increased accessibility.
- 28mm-36mm glazing.



## Upgrade to the Hi System?

You can always upgrade to the Hi system where Aluk have added more innovation to the polyamide thermal break. This is to give much better thermal value whilst not disturbing the finish or aesthetic of their well-known product.



## Max Door Sizes

Single: 1200w x 2400h

Double: 2400w x 2400h

Sightline (Head): 131mm

Sightline (Jamb): 131mm

Sightline (Meeting Stiles): 210mm



# Hardware

## Inline Espag Handles



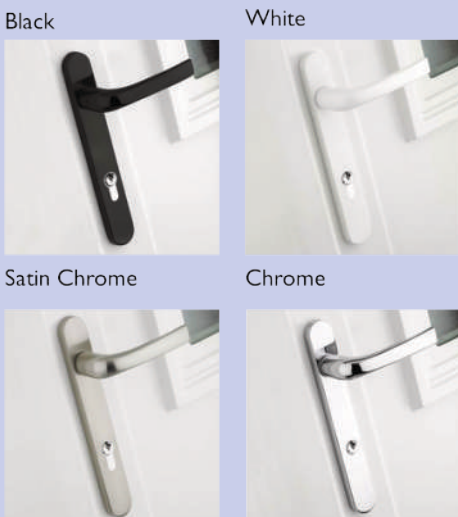
## Offset Espag Handles



## Tilt & Turn Window Handles



## Lever Door Handles



## Lever Pad Door Handles





## Heritage Handles

Antique Bronze



White



Matt Black



Satin Chrome



Polished Gold



Heritage Pewter



Polished Chrome



Pewter Patina



Heritage Black



## Bifold Door T- Handles Locking & Non- Locking



## Composite Door Handles

Escutcheon



Escutcheon Pull



1200 Offset Round Bar



The Offset Round Bar is also available in the following sizes:

- 400mm
- 600mm
- 800mm
- 1000mm
- 1200mm
- 1400mm
- 1600mm

These sizes are available as a single handle or back to back option.

## Optional

Knocker



Letterbox



Scan to design your own composite door.

# The HI system

Here at Window Warehouse, we offer a range of AluK HI system windows and doors for supply only to trade across the south of England. These innovative products will enhance your product offering. Request a free online quote today to get trade prices on our aluminium HI system profiles. Aluminium is fully recyclable and never losing any structural integrity, truly helping its environmental impact.

## Energy Saving Profiles

Each HI system window is manufactured with a Unique polyamide thermal break design to improve thermal performance, providing U-values of  $1.2 \text{ W/m}^2\text{K}$ . The HI system doors offer U-values as low as  $1.4 \text{ W/m}^2\text{K}$ . These high-performing features work to trap warm air so you can offer your customers an energy-saving solution.

## Installation Simplicity

Each AluK HI system product is easy to install as they are custom-made. With these technological advancements, trade installers can work quickly and efficiently to offer undisturbed installations. When you choose Window Warehouse as your supplier, you will never have to compromise on projects due to our custom-made approach to various applications.

## Windows

You are introduced to various profile styles when you use Window Warehouse as your AluK supplier. Our product range includes Optio 58BW Flush HI Window, Optio 58BW Open-Out HI Window, Optio 58BW ST Flush HI Window, Optio 58BW ST HI Window, and Optio 58BWTBT Open In HI Window. Having these five window styles in your product range will allow you to offer customers varied aluminium options in an array of configurations which can be highly customised. The possibilities you can offer are endless.

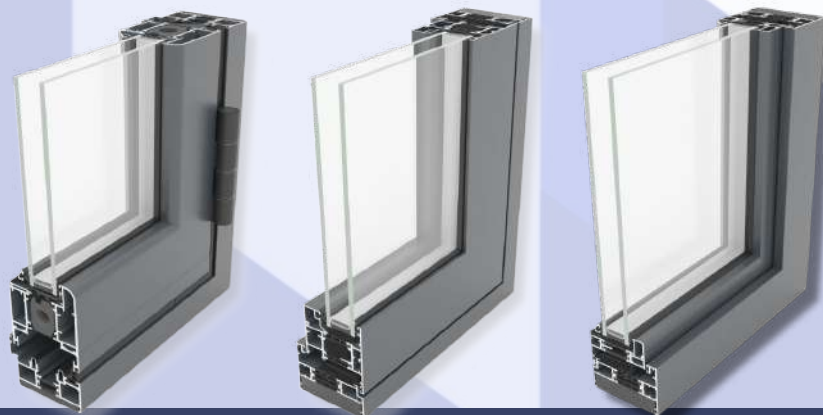
Our AluK HI system window profiles are built to the highest UK standards. These compelling, high-performance solutions offer clean lines, advanced functionality, and stunning aesthetics.

## Doors

Our Optio BSF70 HI Bi-fold and 58BD HI Door Systems are manufactured with style, functionality, and performance in mind. They provide industry-leading U-values, rollers to ensure smooth and consistent operation and larger glazing panels to offer your customers a touch of luxury.

In addition to this, they offer unparalleled innovation and installation ease. These versatile bifold doors can be adapted to suit your and your customer's needs in almost any regard. You can offer each customer various colours, hardware, and panels to reflect their vision. The sash sizes starting from 600mm up to 1200mm.

# ALUK<sup>®</sup>



### What is the difference between the standard products and the HI system?





Aluk have added more innovation to the polyamide thermal break to give much better thermal value.

### Do I have to change the way I install the product?

Enjoy the benefits of lower U-values, all whilst not disturbing the finish, aesthetic, or installation.

# Installer's Guide to Part L

Building Regulations were last updated in 2022, with the aim of reducing carbon emissions from new homes by 30% and by 27% for other types of building.

		 <b>L1</b>		 <b>L1</b>		 <b>L2</b>		 <b>L2</b>	
		New Build Dwellings		Existing Dwellings		New Buildings other than Dwellings		Existing Buildings other than Dwellings	
		Notional	Limiting	Limiting		Limiting		Limiting	
Windows	2016	14	2.0	1.6 or WER 'C'		2.2		1.6 or WER 'C'	
	2022	12	16	1.4 or WER 'B'		1.6 or WER 'B*'		1.6 or WER 'B*'	
Doors	2016	14	2.0	1.8 or WER 'E'		2.2		18	
	2022	12	16	1.4 or DSER 'C'		16		16	

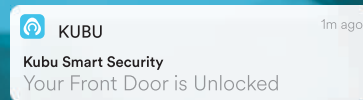
AluK's route to meet the new regulations and support our customers has meant engineering many improvements to the internal design without changing the appearance of the systems. Using new thermal break designs and foams, and new gaskets, the well-loved AluK products have been modified to comfortably meet regulations for new build and existing dwellings

Windows and doors installed into a new build are required to be sealed with air sealing tape around the structural openings. Compressible seals or gun sealant may be used to supplement taping. Photographic evidence may be required for sign off.

Installation tolerances are to be in accordance with BS 8213-4 – Windows and Doors – Part 4: Code of practice for the survey and installation of windows and external doorsets. Windows or doors should be located with an overlap between the inner face of the unit and the inner face of the external leaf – for windows an overlap between 30-50mm and for doors 50mm – so that the window or door unit is contiguous with the insulation layer of the external wall.

A fully insulated and continuous cavity closer should be used, installed tight to the insulation and cavity apertures. For door units, install perimeter insulation within the threshold zone or use reinforced cavity closer.

# Be sure it's secure with Kubu® Smart Security.



A range of high-security Smart sensors that monitor the status of your doors & windows in real time, alerting you if there's something wrong, and providing you peace-of-mind.

## Door Smart Sensors

Our first-of-its-kind door sensor, fits seamlessly into your door lock that 'Works with Kubu®', remaining completely concealed to maintain the aesthetics of the door, while adding the benefits of Smart technology.



## Window Smart Sensors

Kubu's Revolutionary 'Floating' Window Sensor is designed to work hand in hand with a multi-point lock that 'Works with Kubu®', to provide second-to-none physical security, with the added benefit of Smart technology.



## Smart Sensors

- 🔒 Completely concealed
- 🔒 Calibration FREE
- 🔒 Works on ALL doors & windows: lift lever, autofire\*, flush, french...
- 🔒 Locked/Unlocked Open/Closed/Vent
- 🔒 Tamper detection built in



## Smart Alerts

- 🔒 Instant Status Updates
- 🔒 SureSecure™ Geofence Alerts
- 🔒 Scheduled Notifications
- 🔒 Family Sharing
- 🔒 SmartAir/Weather/Pollen Alerts\*
- 🔒 Under-attack Alerts\*



\*Coming Soon

## Smart Control

- 🔒 Fully Smart Home integrated
- 🔒 Works with most major smart-tech brands
- 🔒 Controlled with the Kubu® smart phone app
- 🔒 Activates automations at the turn of a key, or the opening of a window



## Smart Benefits

- 🔒 10-Year mechanical warranty on all Avantis 'Works with Kubu®' locks
- 🔒 World's first Smart Security Guarantee worth £2000!
- 🔒 Insurance backed - allows homeowners to save money on their home insurance



Be Sure It's Secure.



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