



ALUMINIUM & UPVC WINDOWS • DOORS • ROOF LANTERNS

Welcome

Welcome to the most stylish, advanced and high-performing uPVC and Aluminium window and door range currently available in the UK market.

When it comes to selecting the best products to enhance and protect your home, you want to be sure you're making the right choice. Beautiful, stylish, expertly made, our collection made up of uPVC Flush, Sculptured and Chamfered Sash windows and doors, Composite doors, elegant Aluminium windows and doors and the stunning Residence Collection strike the perfect balance between energy efficiency, security and design.

Our Windows, Doors and Conservatories are designed to offer superior aesthetics, operate smoothly, and are also built to last.

When it comes to installation, we've got you covered! Our installers have been rigorously trained, assessed and vetted to give you complete peace of mind, and ensure your project is completed to the very highest standards.

We hope this brochure gives you plenty of inspiration for your next home improvement project – and if you'd like any more information, please don't hesitate to give your Installer a call.



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Our windows and doors are made in state-of-the-art modern factories so you can be sure of the quality of the workmanship and the product you fit in your home.



We only fit high quality locking mechanisms and most of our doors are fitted with Kubu locks enabling you to fit an insert allowing you to check that your door is locked on the Kubu app.

See page 20 for details.





WINDOW STYLES

to suit every type of home

Window Styles | Leaded and Georgian

The design of your windows and doors have a big impact on the overall appearance of your home. Whatever the age of your property, the original windows and doors were designed to harmonise with it. So it's important to consider what will look right for the building when you replace them. The right design and look can preserve or enhance the value of your home.



Square Leaded

Single Georgian Bars

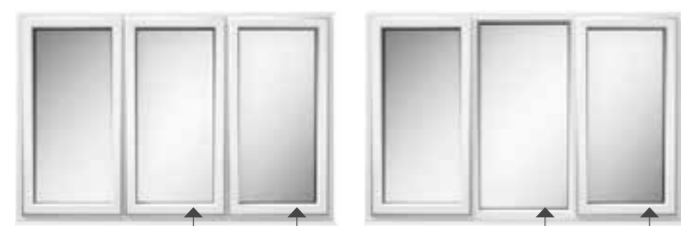
Georgian Bars in Fanlight

Astragal/ Georgian Bars

*This image is for illustration purposes only. For further details on Georgian or Astragal Bar options please ask your Installer.

Window Styles | Sightlines

Good window design extends to the symmetry of window sightlines. Equal sightlines add balance and harmony - creating the perfect stylish finish.



Equal Sightlines

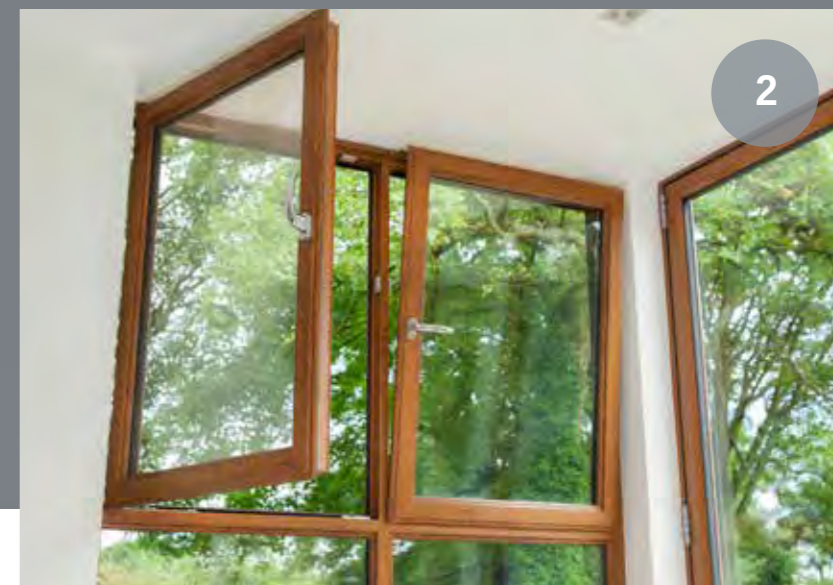
Unequal Sightlines

Window Layouts

Whether you are looking to replicate the layout of your existing windows or want to change them to give your home a different look and feel, we offer a range wide range of styles.



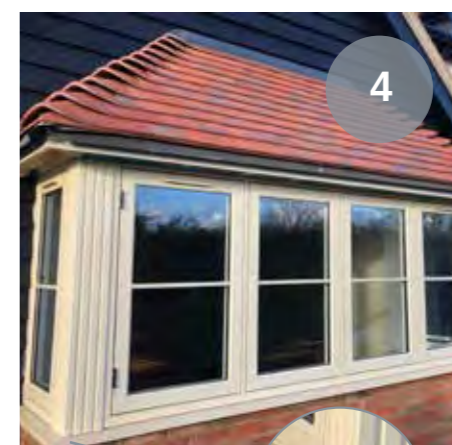
1



2



3



4



5



Smooth Graf Welded Joint

- 1 **Georgian Bar**
Bars placed between the glass in the sealed unit add character to your window.
- 2 **Tilt and Turn**
Tilts inwards for air ventilation or fully open like a door for easy cleaning.
- 3 **Bow Bay**
Featuring Georgian Bars
- 4 **Square Box Bay**
Square Box Bay featuring seamless Graf weld for smooth finish on bay cill.
- 5 **Astragal Bar**
Bars positioned on the glass replicating the look of individual panes for a timber look effect.



10
YEAR
GUARANTEE

WINDOW FEATURES

A+ THERMAL RATING

Compared with aluminium or wood, uPVC windows are low maintenance, have better insulation values and are able to reduce energy and heating costs.

REDUCED HEAT LOSS

Warm edge spacers improve thermal efficiency at the glass's edge. 80% of a double glazed window's energy loss occurs here.

IMPROVED DRAINAGE PATH

Designed to allow water to run off the window into the frame and then drain out from the frame, reducing moisture in the home.

MULTI-CHAMBER OUTER FRAME

Our windows feature a multi-chamber outer frame design, meticulously crafted to enhance strength, thermal insulation and acoustic performance.

WINDOWS MADE FROM RECYCLED MATERIAL

On average, 23% of the uPVC in our windows is recycled material. Brand new white pellets are formed from recycled content to create new pristine windows supporting the closed loop recycling system.

HIGH SPECIFICATION WEATHER SEALS

Constructed to absorb noise pollution. Impervious to rot, mould, mildew, UV radiation and ozone infiltration for longer lifespan of the window.

PREMIUM FINISH

Renowned for quality, the surface finish requires little or no maintenance ensuring a long-lasting pristine appearance.



Chamfered Sash



Sculptured Sash



Flush Sash

Casement Windows



Casement windows are the most popular window type and come in Chamfered and Sculptured profiles.

Casement windows offer a multitude of style and colour options. Technical features such as 7 thermal chambers, energy efficient glass designed to minimise heat loss, and robust weather seals, all help to reduce the energy required to heat your home as well as minimising noise pollution.



Our Chamfered and Sculptured uPVC windows feature outward opening sashes which stand proud of the face of the window frame and are the most popular style found in houses today.



Our Sculptured and Chamfered windows and doors combine the elegance and style of traditional timber with all the benefits of uPVC.

This range is ideal for those who wish to add or improve the period features of their homes. Its unique, unrivalled aesthetic appeal makes this range the most attractive suite of windows and doors on the market today.

French Doors and Entrance Doors are available in the same colours to match your windows. Choose door frame profiles in the same style too, for a seamless finish.

- ✓ Exquisite Georgian bar option
- ✓ Optional sash horn available
- ✓ Tilt and Turn options
- ✓ Night vent facility
- ✓ High security handles and locks for total peace of mind
- ✓ Sealed unit for increased energy efficiency
- ✓ Double or triple glazing available
- ✓ Secured by Design accredited for your security
- ✓ PAS24 Compliant
- ✓ Available in a wide range of hand-picked woodgrain finishes
- ✓ French Doors and Entrance Doors to match your colour choice





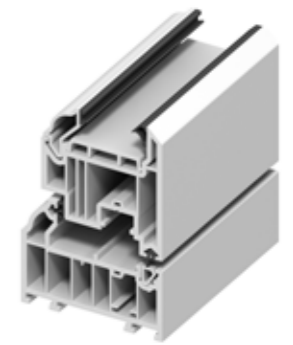
Logik S

FLUSH WINDOWS

Most of the windows you see when you look around are designed with either the popular sculptured or chamfered frames.

**Now, there's a third style to choose from
THE FLUSH SASH FRAME**

Like the name suggests, these windows offer a smooth, flush fitting appearance when closed, with no lip between the outer frame and the sash. The result is a modern, streamlined look when finished in Grey that's growing in popularity, especially in more modern home designs. For a more traditional timber look choose a woodgrain finish to perfectly complement the aesthetics of your property.



THE FLUSH PROFILE THAT'S RAISING THE BAR IN WINDOW DESIGN

Logik Flush Sash is already transforming homes with its unique combination of sleek style, proven energy-efficiency, low maintenance and 10-year guarantee for complete peace of mind.

Our grey substrate option is a real 'game changer'

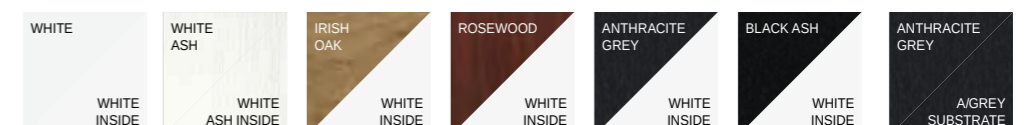
Unlike most coloured frames which have a foil coating on top of the white uPVC, our grey substrate frames are the same colour all the way through. So even with the window open, there's no trace of white.

A great way to get the on trend all-grey aluminium look without paying the premium price of aluminium itself.



Stunning Woodgrain

→ Logik S Flush Sash frames are available in a wide range of woodgrain colour finishes. In fact, they're so realistic, it's hard to tell from the kerbside that they're not actual wood frames.



uPVC Timeless Flush Windows

PREMIUM FLUSH SASH TIMBER ALTERNATIVE

The sash sits flush with the external frame to replicate the appearance of traditional timber windows. Modern technology delivers all the security and thermal efficiency benefits, and the appearance is further enhanced by durable, maintenance free finishes in either smooth or authentic wood grain effects.

Choose traditional looking hardware or modern styles depending on the look you want to create in your home.

AUTHENTIC STYLE

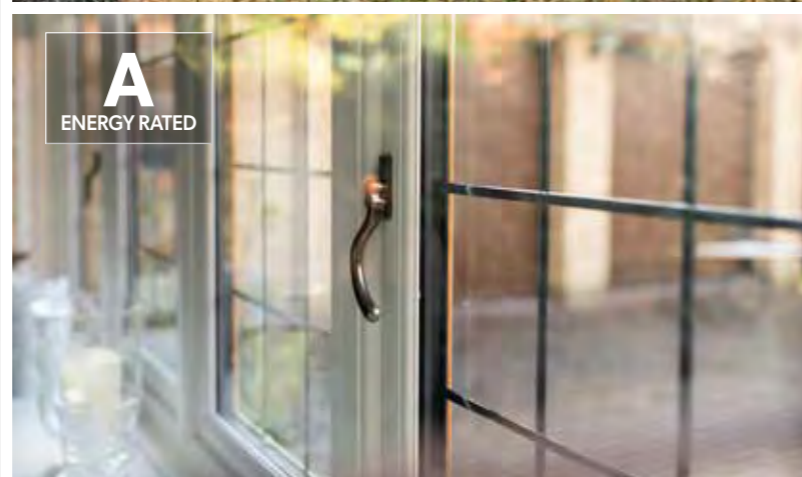
The newly unveiled Timeless Flush Sash window is reminiscent of early 19th Century timber windows and is ideal for heritage homes, particularly in conservation areas, where authentic looks are all important.

- ✓ Sleek slimline frames
- ✓ Traditional Ironmongery options
- ✓ Dummy peg stay option
- ✓ Exquisite Georgian bar option
- ✓ Night vent facility
- ✓ High security handles and locks for your peace of mind
- ✓ Sealed unit for increased energy efficiency
- ✓ Double or 28mm triple glazing available
- ✓ Low maintenance uPVC frames
- ✓ Available in a wide range of hand-picked woodgrain finishes

See page 21 for colour options



10 YRS
GUARANTEED



A
ENERGY RATED

TIMELESS OUTSTANDING THERMAL EFFICIENCY

Super Efficient

Compared with aluminium or wood, uPVC windows are low maintenance, have better insulation values and are able to reduce energy and heating costs.



A

A Rated

Timeless Flush Sash delivers energy efficient A rated frames.

Superior Acoustic Performance

Glazing options to maximise energy efficiency and/or acoustic performance.



1.3

Save on Energy Bills

Indicative U value achieved using a 28mm double glazed unit delivering high energy efficiency and big savings on energy bills.



Safe and Secure

For total peace of mind, our Timeless Flush Sash comes with multi-point locking as standard.



Weather Resistance

Timeless Flush Sash delivers outstanding weather resistance and performance.

uPVC Timeless Flush Windows

COLOUR COLLECTION

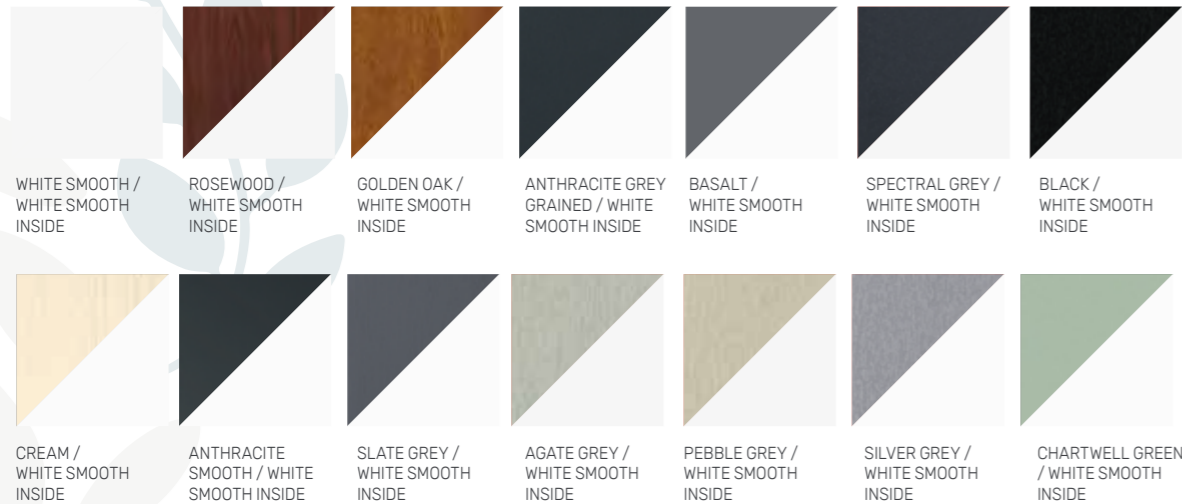
Heritage Colour Collection

Woodgrain outside, White Grain inside

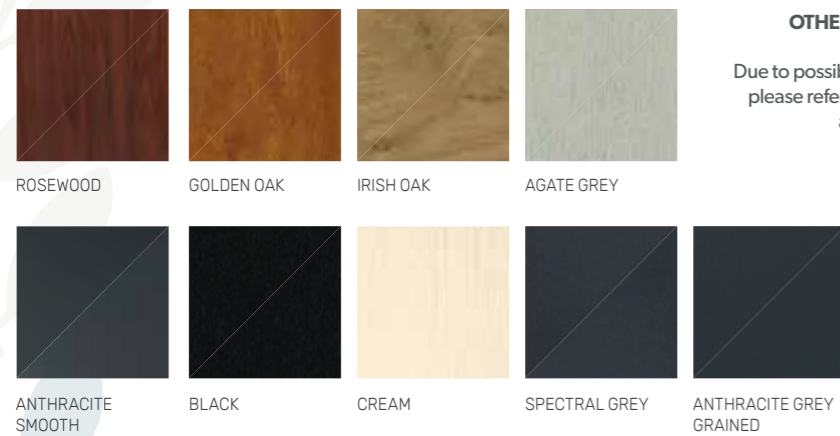


Standard Colours

Woodgrain outside, White Smooth inside



Colour both sides



OTHER RAL COLOURS AVAILABLE ON REQUEST

Due to possible variations in the printing process, please refer to physical colour swatches for an accurate representation of the above colours.



CHOOSE CLASSIC WELD OR OUR TIMBER STYLE JOINT

Unlike other flush systems, the Timeless Flush Sash is available in two jointing options, Classic Mitre Welded joint and the Timeless Timber Style joint.

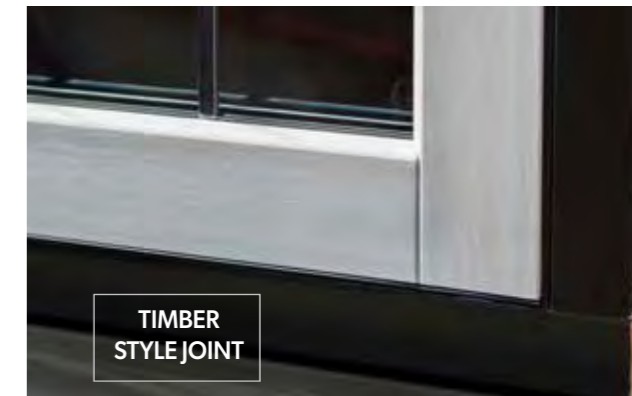
Timber style joints are crafted using Timberweld technology delivering superb technical performance and beautiful aesthetics.

Classic Mitre Welded joints give a contemporary and modern twist to this heritage style.

The corners are precision welded so that the join is practically seamless.



CLASSIC MITRE WELDED JOINT



TIMBER STYLE JOINT

5 CLASSIC & MODERN FINISHES



CHOOSE YOUR HARDWARE



Matching traditional peg stays are available to create a perfectly matching Timeless window. Available in matching colours as above.



uPVC French, Entrance and Patio Doors



Our uPVC doors are available in the same colours as the windows. Choose the door style to suit your home and lifestyle, from French Doors for smaller openings or Patio Doors if you want to open up a room and bring the outdoors in.

Key Features

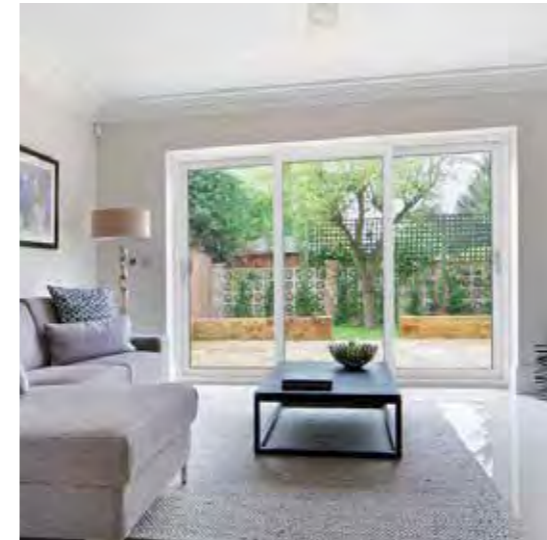
- ✓ High security multi-point locking
- ✓ Energy efficient design
- ✓ Triple glazing options**
- ✓ Choose from a wide range of styles and colour options

* Gold and chrome curved handles are available as marine grade
 ** Triple glazing on patio doors is 28mm

See page 21 for colour options.



uPVC Patio Doors



Key Features

- Width of up to 3.5m available on 2 pane patio doors
- U-values as low as 1.0
- 0 Year guarantee for peace of mind
- Triple glazing compatible
- Choice of frame colours including grey substrate option



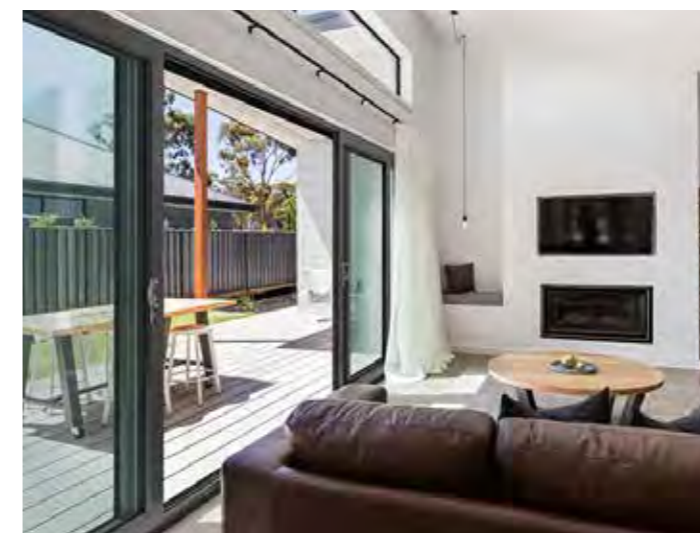
This stunning new patio door design replicates the appearance of timber, but with no need for regular maintenance.

The design perfectly compliments both modern and traditional properties.

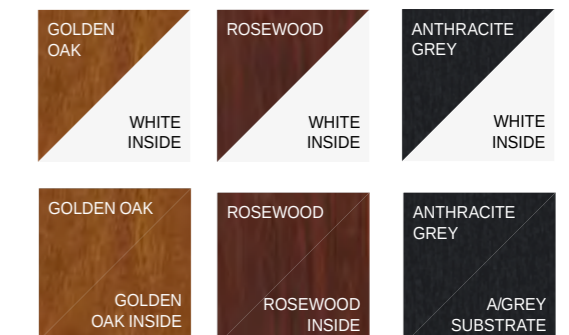
Choose from a stunning colour range to reflect your personal style and taste.

Market leading features make the Syncro door range the best choice for those seeking style and efficiency whilst also having great environmental credentials.

- ✓ More sustainable with frame composition made up of at least 40% PCW (post-consumer waste)
- ✓ Better thermal efficiency with U-values as low as 1.3 for double glazed units and 1.0 for triple glazed
- ✓ Maximum width of 3.5m (2 pane), 2.5m high, for better scalability
- ✓ Triple as well as double glazing compatible for even better insulation
- ✓ Grey substrate for the appearance of aluminium. (Unlike most coloured products which have a foiled colour on top of white, this product is grey throughout)



Syncro® Patio Door Colour Collection



Security you can rely on

The KlawLoc bi-directional window lock is engineered with safety in mind. This lock seamlessly combines innovation and reliability, with accreditations such as PAS24 and Secure By Design, it stands as a testament to its impenetrable design, ensuring your peace of mind. Tested rigorously to withstand 50,000 cycles, it promises a long-term solution to safeguard your home.

KlawLoc works with Kubu.

With real-time updates on your home's security status, this synergy of technology offers unparalleled control and insight, granting you the power to protect what matters most with ease and confidence.

In an era where security is paramount,

the bi-directional window lock stands as a beacon of trust and innovation. With a 10-year guarantee backing its reliability, it not only fortifies your windows but also your confidence in your home's safety. Seamlessly blending cutting-edge technology with tried-and-tested durability, this lock doesn't just secure your home - it grants you peace of mind and control, ushering in a new era of smart, secure living.

Ask your Installer about the Klawloc upgrade option.



KlawLoc



uPVC WINDOW AND DOOR COLOUR COLLECTION

Sculptured Colour Collection

Woodgrain outside and smooth inside

GOLDEN OAK WHITE INSIDE	ROSEWOOD WHITE INSIDE	CHARTWELL GREEN WHITE INSIDE	IRISH OAK WHITE INSIDE
BLACK WHITE INSIDE	ANTHRACITE GREY WHITE INSIDE	CREAM WHITE INSIDE	AGATE GREY WHITE INSIDE

Smooth both sides

CREAM CREAM INSIDE	WHITE WHITE INSIDE
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Woodgrain both sides

GOLDEN OAK GOLDEN OAK INSIDE	ROSEWOOD ROSEWOOD INSIDE	WHITE ASH WHITE ASH INSIDE	IRISH OAK IRISH OAK INSIDE
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Chamfered Colour Collection

Woodgrain outside and smooth inside

GOLDEN OAK WHITE INSIDE	ROSEWOOD WHITE INSIDE	BLACK WHITE INSIDE	ANTHRACITE GREY WHITE INSIDE
AGATE GREY WHITE INSIDE			

Smooth both sides

CREAM CREAM INSIDE	WHITE WHITE INSIDE	ANTHRACITE GREY WHITE INSIDE	SLATE WHITE INSIDE
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Woodgrain both sides

GOLDEN OAK GOLDEN OAK INSIDE	ROSEWOOD ROSEWOOD INSIDE	ANTHRACITE GREY ANTHRACITE GREY INSIDE on grey base*
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£5000 CASH BACK
ULTION LOCK GUARANTEE

If an intruder snaps Ultion and breaks into your home we'll pay you £5000.

Aluminium Lift and Slide Doors



SLIM, MULTI-TRACK ALUMINIUM LIFT AND SLIDE.

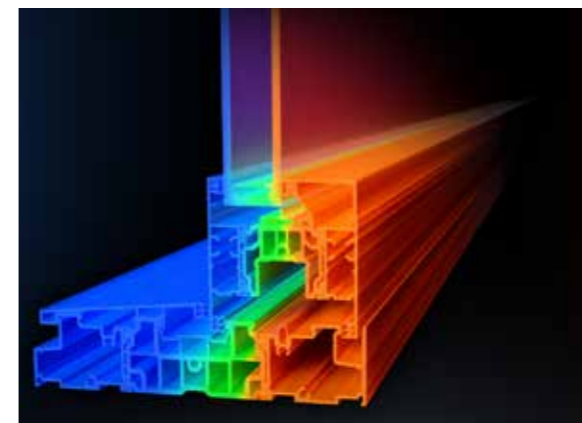
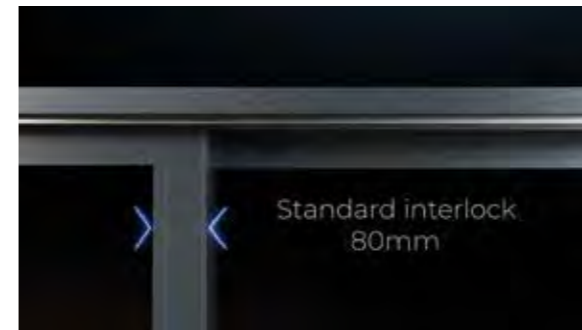
Slim aesthetics maximise the glass area

KEY FEATURES

- Part L compliant
- 80mm Interlock as standard with 52mm Slim Interlock available on Twin Track configurations
- Slim sightlines - 106mm frame to sash up to 31% slimmer than market competitors
- Stepped and Contemporary sash options
- High security interlocks to stop intruders, Rated to 4.5kn
- Dual and triple track options up to 6.5m x 2.5m



DESIGNER RANGE ALUMINIUM



Thermlock® technology delivers superb thermal efficiency

Aluminium Bifold Doors



THE NEW DESIGNER RANGE PRESTIGE BI-FOLD COMBINES STYLE, SECURITY, INNOVATION AND SUSTAINABILITY.

British designed and made to deliver on style and sustainability for the modern home. Thermallock® technology ensures greater thermal efficiency than other aluminium bi-folds.

Choose the stepped sash option and Georgian bars to replicate the traditional heritage looks found in old Critall or steel windows, but with all the benefits of a modern door system. A choice of hardware allows you to choose either colour matching, white, black, chrome, grey, satin or gold. Hinges and D handles can be white, black or grey.

The Ultion 3 star cylinder gives you peace of mind and is backed up with a £5k security guarantee.

ULTION



DESIGNER RANGE
ALUMINIUM

See page 23 for colour options.



KEY FEATURES AND BENEFITS

- U-value as low as 1.0W/(m2k) with triple glazing, 1.4W/(m2k) with double glazing
- 10 year guarantee
- Made in Britain using Welsh sourced aluminium
- Designed to minimise environmental impact from waste through to energy use
- Up to 7 pane configurations
- Multi-point locking
- Anti-bump, anti-snap and drill cylinders
- High security interlocks
- Single and French door options
- Colour matching hardware options
- Consistent, slim 138mm sash to sash sightlines

- Georgian bar and stepped sash option for a heritage look
- Future proofed to meet new Part L Building Regulations

4 Fully Weatherproof Threshold Options



Aluminium Classic Heritage Doors



STEEL LOOK DOOR WITH STUNNING AESTHETICS

- Period inspired lock box design
- Advanced Thermlock technology for optimal insulation
- Single or French door options
- Part L compliant
- Thermally efficient with U Value of 1.4



DESIGN VERSATILITY

Available as either a single entrance door or a French door the Sheerline Classic Heritage Door is remarkably versatile, effortlessly adapting to various architectural styles, from traditional period homes to modern properties. The door's design flexibility, enhanced by dummy transom bars and a wide colour palette, ensures it complements and enriches the unique character of any home.



ThermLOCKI®

THERMLOCK® TECHNOLOGY

This multi-chamber design acts as a robust thermal break, synergising with high-performance glazing to achieve exemplary thermal efficiency. This ensures homeowners enjoy a warm, energy-efficient living space, shielded from the UK's often challenging weather.



PERIOD INSPIRED LOCKBOX DESIGN

A pocket feature to the interior and exterior of the lockbox provides a unique heritage look.

Handle illustrated is an upgrade option, ask your Installer for more details.

Prestige Windows and Doors

TRANSFORM YOUR HOME WITH OUR STYLISH ALUMINIUM WINDOWS AND DOORS

Choosing the right aluminium windows for your home is an important decision. An investment that makes a real difference to how warm and secure you feel, as well as improving the look of your property. That is why we have carefully designed the Prestige window and door system to combine stylish looks

with the latest technical innovation. Building on years of experience, we've incorporated many unique features to create an incredibly thermally efficient, secure system, with unparalleled aesthetic appeal, that's available in a wide range of colours.



Designed for discerning homeowners that aren't willing to compromise, the Prestige range is tailored for those who demand more for their homes.

Built around our innovative Thermavic® multi-chamber thermal break, we use a patented, strong and durable construction method, enabling us to hand tune each corner, ensuring every single window and door is finished to the highest standards.



Each Prestige installation is individually tailored to the exact requirements of your property. A range of different outer frame sizes accommodate different plaster lines and window reveals - ensuring a perfect, neat finish.

Our versatile 72 - 80mm deep system is available in casement, French and fixed windows and has been designed to be sympathetic to the modern trend for light, airy interiors. Using slim sashes allows more light to flood into your home, helping create that important sense of space and tranquillity.

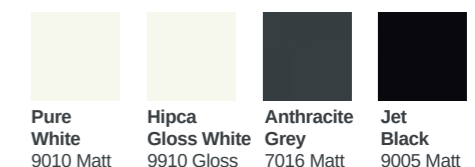


EXCEPTIONAL THERMAL PERFORMANCE COMBINED WITH REFINED LOOKS

Prestige combines aluminium's clean lines with exceptional thermal performance can achieve U values as low as 0.9 W/(m²k).

Our innovative Thermavic® multi-chamber thermal design, hidden away inside each window and door, helps keep you and your property well insulated against the worst of the UK weather. This closed-cell, insulating chamber acts as a thermal break and works in conjunction with high performance glazing to create class leading thermal performance, far superior to traditional polyamide thermal breaks. Sheerline's cills also feature this same technology coupled with innovative in-built weather sealing keeping draughts and rain safely outside.

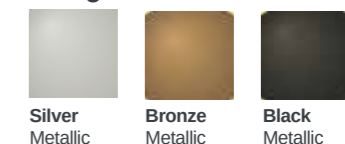
Traditional Colours



Character Premium Colours



Paragon Metallic Colours



Aluminium Lantern Roofs



SUSTAINABLE, STYLISH AND SECURE ROOF LANTERN



Fully thermally broken flush roof vents put this lantern ahead of the competition.

Designer Range Roof Lantern is a warmer, slimmer and much more secure roof lantern.

Thermalock® multi-chamber thermal technology helps keep heating bills low, while deep internal bars create a strong structure for spans up to 3.2m x 6m without tie bars.

Ultra-low line aesthetics give a stylish architectural appearance, enhanced with hard wearing powder-coated aluminium inside and out.



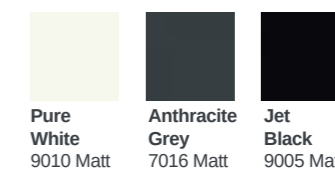
DESIGNER RANGE
ALUMINIUM

KEY FEATURES AND BENEFITS

- Thermalock® multi-chamber technology for thermal efficiency
- Ultra strong structure spans up to 3.2 x 6m without tie bars
- Ultra low line aesthetics for architectural styling
- Hardwearing powder coating inside and out
- Designed for security
- High security anti-tamper screws, anti-tamper glazing, security tape and glass lock
- Secure ridge end
- Laminate glass upgrade option
- U-value of 1.0W/(m²K) with 28mm glazing

- Maximum size of 2.4m x 6m at 25 degree pitch
- Weather rated for the whole of the UK
- Made with Welsh mined aluminium
- Designed to minimise waste
- Integrated LED lighting channel

Lantern Colours



Option of choosing a different colour inside.



GALLERY⁴⁴

COMPOSITE DOORS

Introducing the Gallery44 composite door collection

Gallery 44 composite doors were designed with security and thermal efficiency in mind.

There is a style option to suit every home, from the wood grain effect Traditional or Contemporary doors, through to the smooth aluminium-look Urban range.

A wide choice of glazing styles allow you to further enhance your door and top light and sidelights are available for larger door openings.

Key Features

- Grained or smooth finish
- Multi-point locks
- Insulated core for optimum thermal performance
- Hard wearing GRP coating requires almost no maintenance
- Secure robust design for peace of mind



Carnoustie (Agate Grey)
Majestic Glazing



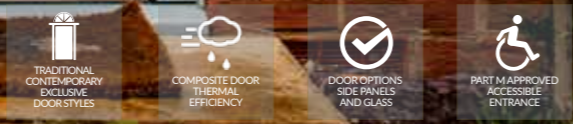
Troon (Victory Blue)
Sycamore Glazing



Farmhouse Sunningdale (Nimbus)
Cameo Glazing



Farmhouse Belfry (White)
Bullion Glazing





GALLERY⁴⁴

Our Composite Door Collection is a complete range of thermally efficient composite doors manufactured to the highest quality standards. Choose from Traditional or Contemporary Styles to best suit your home.

We can also offer toplights and sidelights to accompany your door when required in either a matching composite side panel or glass options.

For disabled access we offer a Building Regulations Part M compliant aluminium threshold.



How many times have you thought ... Have I locked my door?

We've all been there! With Kubu you'll never have to worry if your door is unlocked again.

Kubu uses smart and simple technology to monitor your lock in real time. You'll be able to check the status of your door no matter where you are, at any time of the day, right from the Kubu app on your phone.

ALL OUR DOORS ARE EQUIPPED FOR KUBU SMART – SENSOR TECHNOLOGY. Simply visit www.kubu-home.com once your door is fitted, and you will never have to worry about whether you remembered to lock your door again.

With Kubu say goodbye to uncertainty and hello to peace-of-mind.

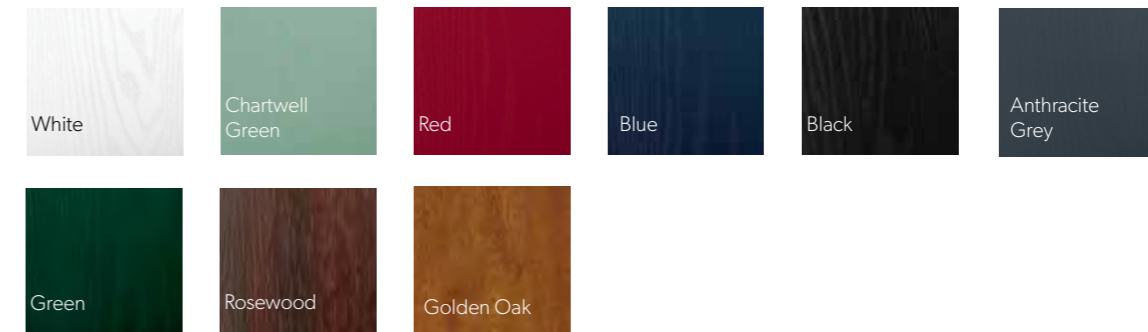
Kubu smart locks are only available on doors with lever/lever or lever/pad handles.



GALLERY⁴⁴

COMPOSITE DOOR COLOUR COLLECTION

STANDARD COLOUR COLLECTION



PREMIUM COLOUR COLLECTION



uPVC Sky Pods



A bright addition to your home



I magine creating a stylish new living space that's flooded with natural light.

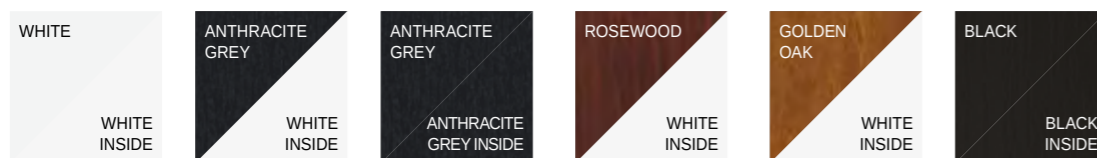
Imagine an inspiring contemporary design feature that will not only enhance your lifestyle but add value to your home too. Some would call it the 'wow' factor.

We call it Skypod.

When it comes to design, Skypod is a breath of fresh air. Without any crestings or finials on the roof, you get clean lines and lots of natural light. It also increases the height of your room too. There's plenty of ways you can customise your ceiling windows to fit the look and feel you want for your home.

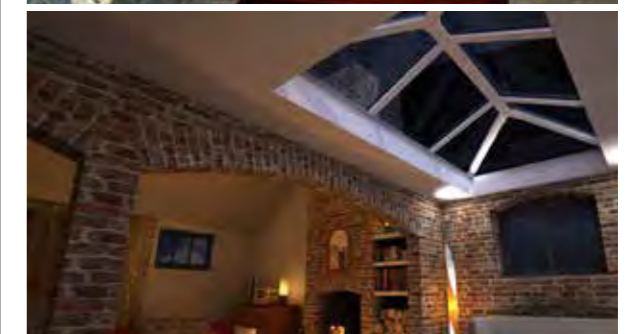
You can choose between two bar or three bar gable pitched styles, plus a range of external frame colours. You can also choose clear, blue, bronze or neutral double-glazed glass.

SKYPOD Colour Collection



Why choose Skypod

- Designed for superior performance
- A choice of frame and glass colours
- Cheaper than aluminium alternatives
- 10-year guarantee
- U-values as low as 1.0
- Self-cleaning, temperature controlled glass included as standard
- 20° or 35° fixed pitch



R9 The Timber Alternative

Residence 9 Timber Alternative windows are designed to suit properties from old to new and you can create them entirely to your own taste or to suit your property.

We offer a huge variety of colours, hardware options, and features such as Georgian bar and butt hinges, that will make your Residence 9 windows completely unique and add a touch of elegance to your home.

Timber style joints are crafted using Timberweld technology delivering superb technical performance and beautiful aesthetics



Residence 9 Features & Benefits

- ✓ Ideal for use in cottages, town houses and period properties
- ✓ Accommodates 28mm double or 44mm triple glazing
- ✓ Every window can be customised including style colour and hardware
- ✓ Mechanical joints for a truly authentic looking window
- ✓ Traditional range of colours and wood effect finishes

Residence 7 Features & Benefits

- ✓ A range of Monkey Tail or Pear Drop handles and stays
- ✓ Maintenance-free, no painting, sanding or staining required
- ✓ Flush Sash inside and out
- ✓ Personalised internal style, choose from one of our 3 styles of glazing bead options
- ✓ Butt Hinge option available as extra
- ✓ Traditional range of colours and wood effect finishes

R7 Elegant Flush Sash

Elegantly flush sash exterior and interior gives the R7 its chic modern appearance and versatility to be used for both contemporary new builds and traditional British homes alike. All glass sightlines are perfectly equal providing symmetry for a timeless kerbside appeal.



Window Energy Ratings

All our windows and doors are designed to maximise energy efficiency and many different components contribute to this, from the way the frames are constructed with thermal chambers to using the most efficient seals and gaskets to minimise heat loss. Most of our products can also be triple glazed.

Replacing old single glazed windows, or even older double glazed windows which may not have benefited from thermal chambers in the outer frame or spacer bars to maximise heat retention between the glass panes, can save money on your energy bills.

Understanding U Values and Window Energy Ratings

There are 2 ways in which energy efficiency is measured on windows and doors: U Values and Window Energy Ratings.

→ U Values measure how much heat can transfer through the window in order to maintain the internal temperature. This means not letting too much heat in the summer, and not letting much heat out in the winter. The lower the U Value, the more thermally efficient the window is.

→ Window Energy Ratings are a measure of the efficiency of a window based on a formula calculating the positive and negative impacts of several factors:

Solar Gain

Heat in through the window (positive)

Thermal Losses

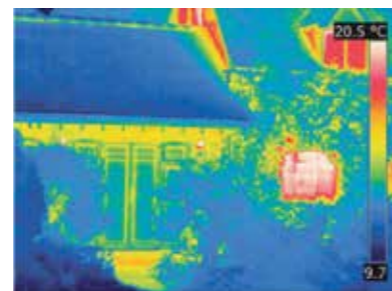
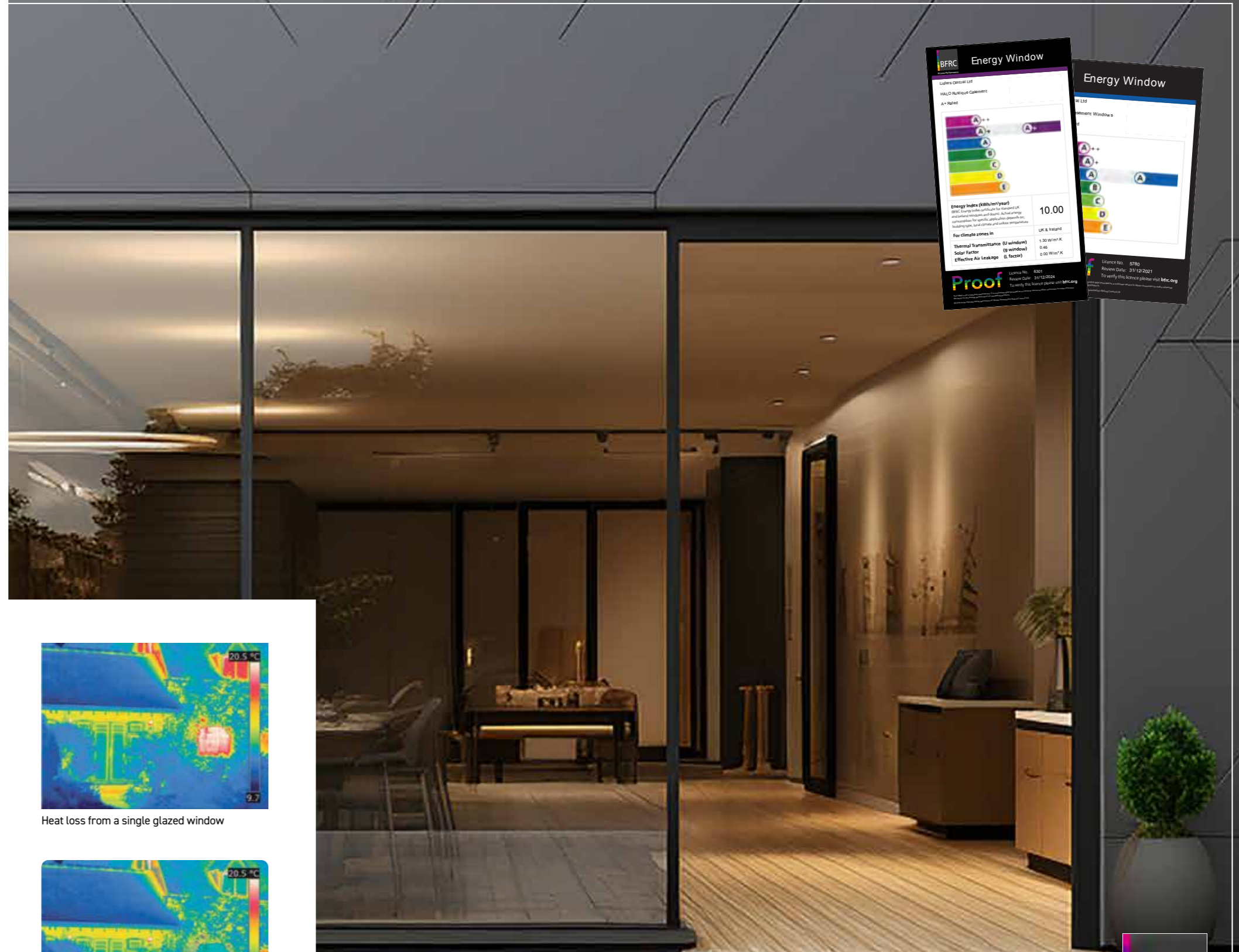
Heat out through the window (negative)

Air Losses

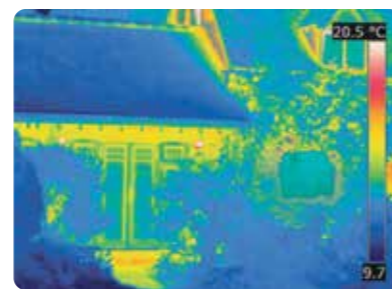
Heat out through the window (negative)

Look for higher ratings such as A or A+.

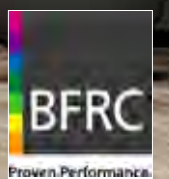
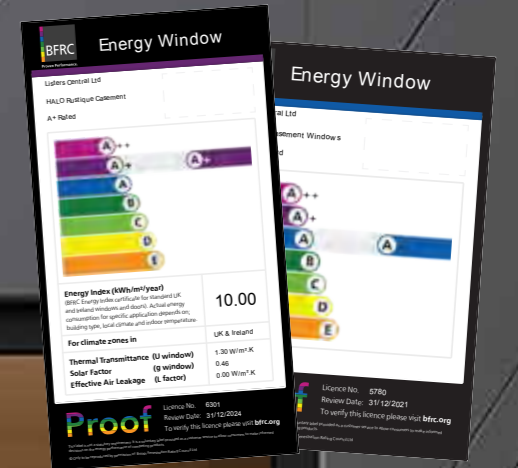
Our Chamfered, Sculptured and Logik S windows achieve A+ as standard.



Heat loss from a single glazed window



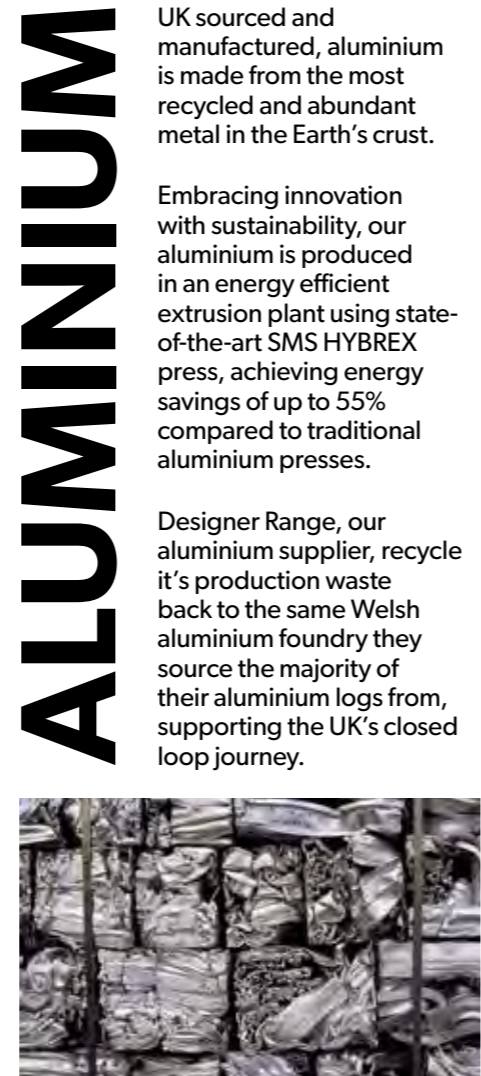
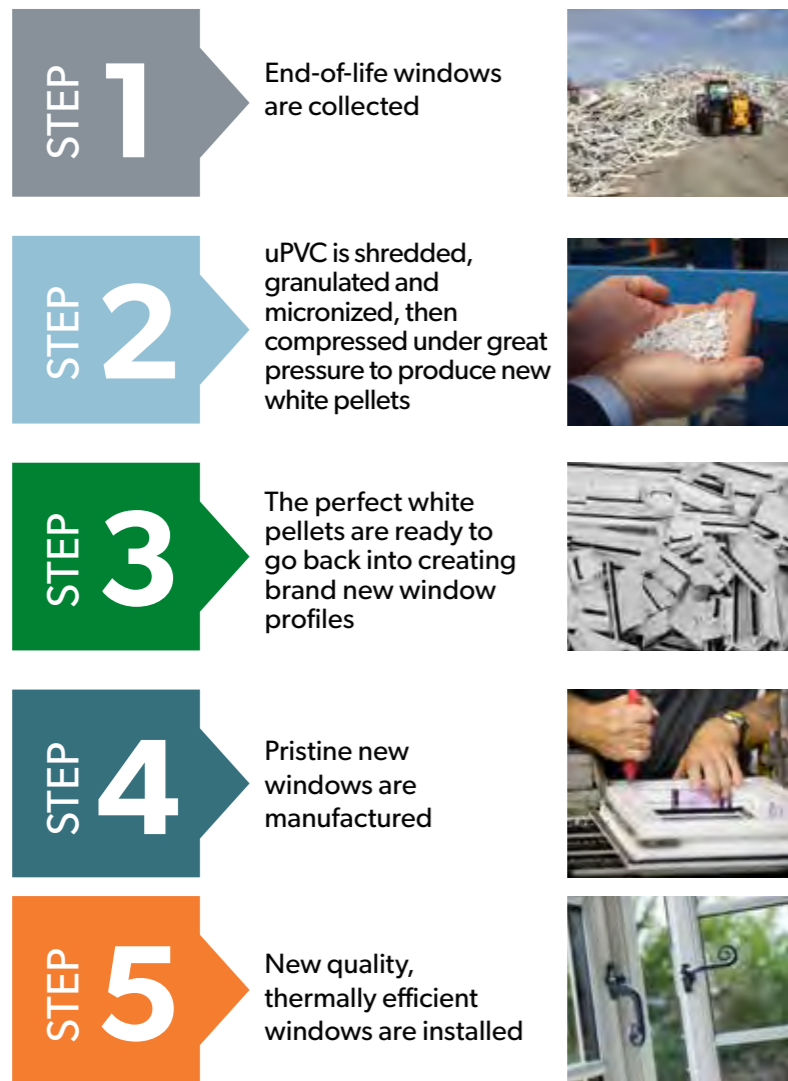
Double glazed window loses much less heat



All our uPVC windows are BFRC approved and tested

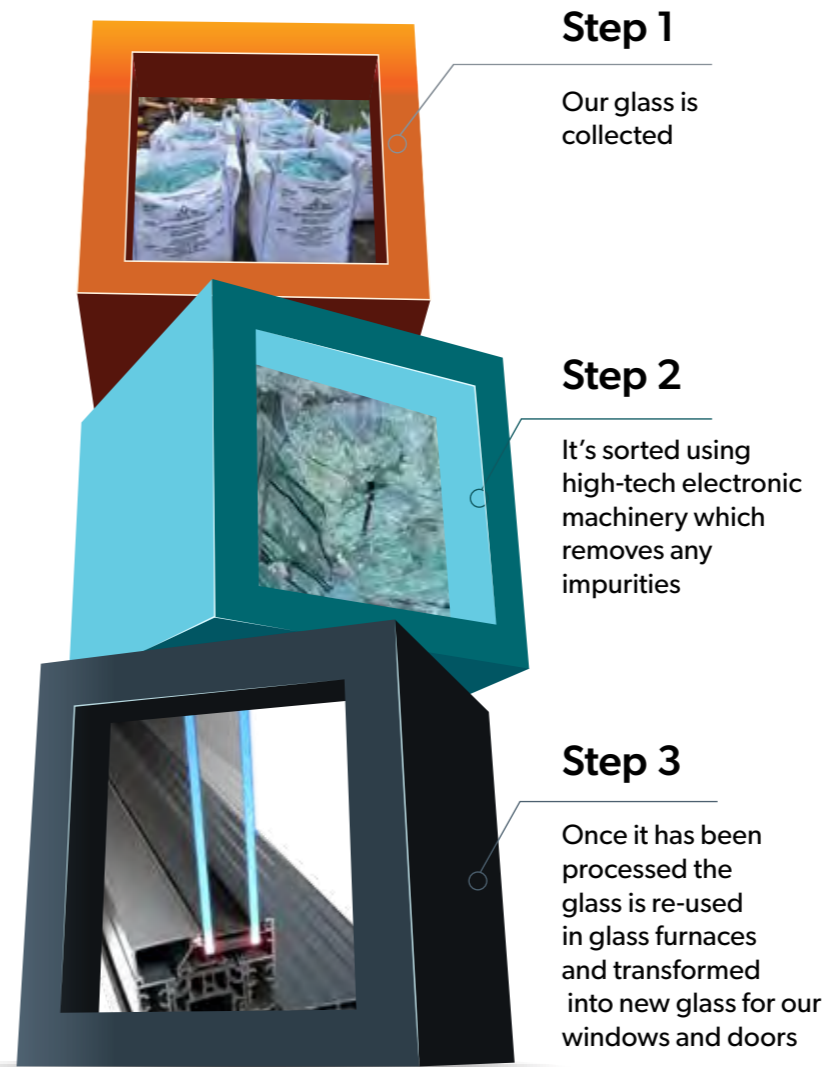
OUR COMMITMENT TO SUSTAINABILITY

UPVC



We not only make quality energy efficient windows and doors, creating warmer and more environmentally responsible homes, we are committed to reducing the impact this has on the environment.

GLASS



Energy Efficiency for Sustainability

Fitting A+ rated windows minimises your heat loss to reduce carbon emissions and ensures money spent on heating your home isn't wasted. Multi-chambered uPVC frames and argon gas filled double glazed units deliver the best possible thermal efficiency.

The Future is Worth it

Sustainability is the future and our recycling programme minimises the environmental impact of our products and ensures that we recycle everything we can. As part of our sustainability mission, we have formed closed loop partnerships with our suppliers to ensure our recycled goods have an audited trail all the way back to the point of recycling. Our old windows and doors become new products within weeks of being removed from homes creating a brighter future for us all.

Re-usable and recyclable for hundreds of years

Research has shown that 95% of 'post-consumer' or end-of-life uPVC windows can be recycled. The official product life for a uPVC window or door is up to 35 years (BRE) and they can be recycled up to 10 times meaning 350 years of re-use with minimal impact on the environment. Not only because they help reduce CO2 emissions, but uPVC is also a fully recyclable material and each year, tens of thousands of tonnes of uPVC is recycled, minimising the impact on landfill waste sites. In addition, the Flat Glass Sector's European recycling operations save almost 300,000 metric tonnes of raw materials per year, thereby avoiding 70,000 metric tonnes of CO2 emissions.



Our chosen manufacturer has secured both the ISO 14001 and the ISO 50001 accreditation, showcasing our commitment to sustainable manufacturing practices and ongoing environmental improvement efforts. This demonstrates our commitment to integrating environmental considerations into our operations and ensuring compliance with internationally recognised standards for quality management and environmental responsibility.

