

A photograph of a modern architectural structure. The upper portion features a series of large, dark-framed glass windows that wrap around a corner. Below these windows is a dark, curved brick wall. The building is set against a backdrop of dense green trees and foliage, with sunlight filtering through the leaves.

AJS

Light In. Style On.

Designed to perform
Built to last



The Window and Door Specialists in Yorkshire, Cumbria & Lancashire

Architectural Joinery Solutions Ltd

Founded in 2021 by Drew Jennings, Architectural Joinery Solutions Ltd (AJS) is an independent company built on years of hands-on experience and craftsmanship.

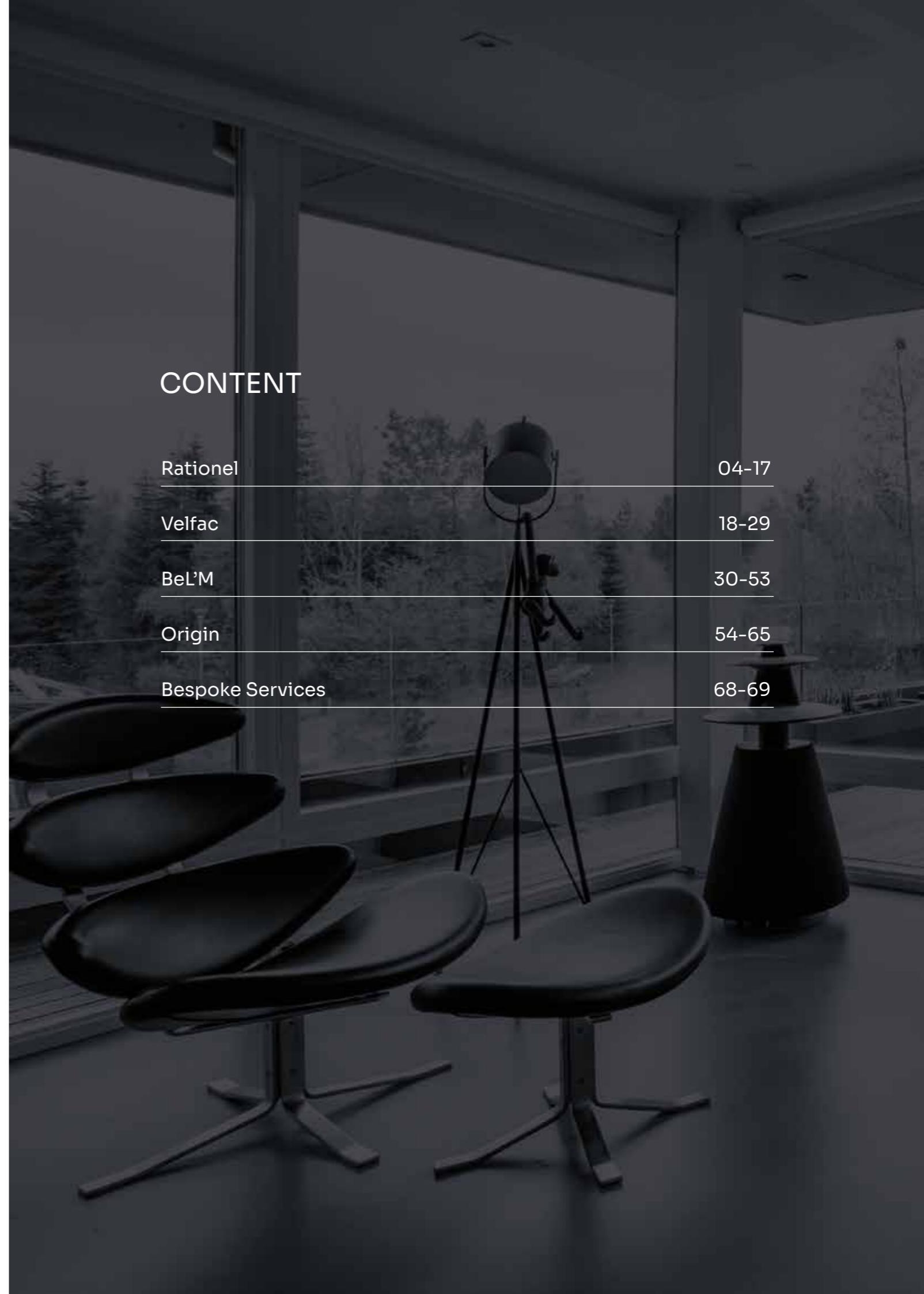
Drew began his career in 2009 as an apprentice bench joiner, developing his skills across all aspects of the trade—from workshop production to on-site installation and finishing. After progressing into management at a medium-sized joinery firm, Drew decided to bring his expertise and passion together to create AJS.

At AJS, we provide high-quality joinery products throughout North and West Yorkshire, Lancashire, and Cumbria. Our range includes everything from sleek, contemporary aluminium-clad windows and doors from leading European manufacturers to traditional sash windows, bespoke timber doors, one-off custom pieces, and beautifully crafted garden buildings.

Whether you require supply-only or supply and installation, we tailor our services to suit your project needs. We take pride in working closely with homeowners, architects, builders, and project managers to transform ideas into reality—combining design, craftsmanship, and attention to detail in every project we undertake.

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Our contemporary style

Rationel AURA and AURAPLUS



Top
Topguided window

Bottom
Reversible windows

This development used fully reversible windows with coloured opaque glass on the first floor.

Top
Side opening with fixed lights

Bottom
Casement door

rationel®

We create bespoke windows and doors that transform homes and lives. With iconic Scandinavian design that's driven by the detail, the result is something that truly stands out from the rest.

All of our products are designed for the future. Using sustainably-sourced timber and exceptional craftsmanship, they're built to last for decades and to be enjoyed for generations. And with a commitment to high performance and thermal efficiency, they promise a cosy and optimal indoor climate every time.

Key features

Rationel AURA and AURAPLUS

AURA and AURAPLUS come with security hardware as standard to meet Secured by Design requirements. The majority of timber originates from FSC®-certified forests. Read more at rationel.co.uk



Top and bottom Rationel AURA

- Timber frame
- Minimum 40-year life expectancy
- Available in more than 200 colours

Top and bottom Rationel AURAPLUS

- Aluminium-clad timber frame
- Low-maintenance
- Minimum 40-year life expectancy
- Available in more than 200 colours
- Dual colour no extra charge

Our traditional style

Rationel FORMA and FORMAPLUS



Top Side hung window

Double side hung window with satin glass.

Bottom Side guided windows

This residential development used side guided windows with horizontal glazing bar.

Top Double casement door

Bottom Double patio door

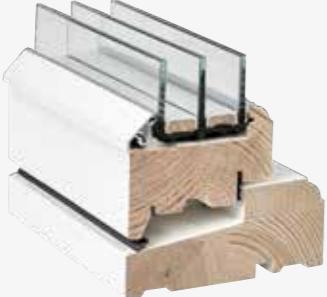
Key features

Rationel FORMA and FORMAPLUS

FORMA and FORMAPLUS come with security hardware as standard to meet Secured by Design requirements. The majority of timber originates from FSC®-certified forests. Read more at rationel.co.uk

Triple glazed

- 0.78 W/m² K U-value
- 42 dB Rw sound reduction



Triple glazed

- 0.80 W/m² K U-value
- 43 dB Rw sound reduction



Double glazed

- 1.27 W/m² K U-value
- 40 dB Rw sound reduction



Double glazed

- 1.28 W/m² K U-value
- 40 dB Rw sound reduction



Top and bottom

Rationel FORMA

- Timber frame
- Minimum 40-year life expectancy
- Available in more than 200 colours

Top and bottom

Rationel FORMAPLUS

- Aluminium-clad timber frame
- Low-maintenance
- Minimum 40-year life expectancy
- Available in more than 200 colours
- Dual colour no extra charge

Types and openings

Windows

Hung, swung or guided: the drawings below show the range of styles available. Contact Rationel for information on different style combinations.

Topguided window

Elegant style that is suitable for all rooms. Simple, seamless opening function allows for effective ventilation when open, both above and below the sash. Clean look with no visible external hinges.



Min. width

358mm

Min. height

383mm

Max. width

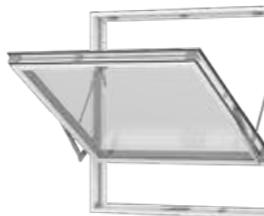
1,798mm

Max. height

1,598mm

Fully reversible window

Multi-functional style suitable for multi-storey buildings. Sash can be turned to clean the glass from the inside. Comes with a child-proof opening limiter.



Min. width

553mm

Min. height

548mm

Max. width

1,598mm

Max. height

1,598mm

Fixed light

Simple style that allows for optimal views. Ideal when you need maximum internal light and solar heat. Can be fitted with trickle-vents for ventilation.



Min. width

253mm

Min. height

253mm

Max. width

2,998mm

Max. height

2,998mm

All maximum width and height measurements are subject to glass weight and specification.

For your inspiration



Side hung window

Simple, stylish design with a seamless opening function. On larger windows, the friction brake allows the window to be fixed in any open position. Suitable as escape windows.

Min. width	Min. height	Max. width	Max. height
353mm	353mm	948mm	1,798mm



1.
Glazed
entrance door



2.
Glazed
entrance door



3.
Flush
entrance door



4.
Flush
entrance door



Side guided window

Minimalist design that moves seamlessly, with no visible external hinges. When fully open the glass can be cleaned from the inside..

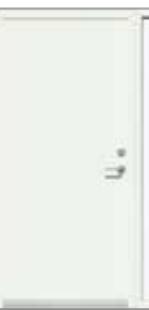
Min. width	Min. height	Max. width	Max. height
453mm	438mm	998mm	1,798mm



5.
Flush entrance door
with integrated side light



6.
Flush entrance door
with integrated side light



7.
Flush entrance door
with side light



8.
Glazed entrance door
with integrated side light



Tilt and turn

Multi-functional style suitable for multi-storey buildings. Tilt function opens the top of the sash inwards for ventilation. Can be cleaned from the inside, and are perfectly suited as "escape windows" or emergency exits. **Available in AURAPLUS triple glazed only.**

Min. width	Min. height	Max. width	Max. height
500mm	510mm	1,298mm	2,400mm

All maximum width and height measurements are subject to glass weight and specification.

Your choice
Contact us for more options, we can help you design the perfect door for your project.



9.
Double casement door



10.
Sliding door
Only available in AURAPLUS
triple-glazed only



Types and openings

Doors

Tilt, turn or slide: the drawings below show the range of styles available. Contact Rationel for information about more options and style combinations.



Flush entrance door

Available as inward- or outward-opening, flush doors are hung on grey powder-coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt.

Flush doors can be manufactured with a wide range of patterns and vision panels.

Min. width	Min. height	Max. width	Max. height
653mm	1,703mm	1,198mm	2,398mm



Glazed entrance door

Available as inward- or outward-opening, glazed entrance doors are hung on grey powder-coated adjustable hinges and fitted with a multipoint lock box with latch deadbolt locking espagnolette bolt.

Glazed entrance doors are constructed using a frame and sash with an option of glazing bars, transoms and mullions. The glass can be composite or insulated panel.

Min. width	Min. height	Max. width	Max. height
653mm	1,703mm	1,198mm	2,498mm



Patio door

Available as either inward- or outward-opening, patio doors are ideal for access to balconies, gardens and patios.

Doors have an inbuilt friction brake*, operated by turning the handle down in any given position. They are hung on grey powder-coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt. *Available on master door leaf only.

Min. width	Min. height	Max. width	Max. height
1,188mm	1,703mm	2,328mm	2,498mm

All maximum width and height measurements are subject to glass weight and specification.

Glazing options

Rationel windows combine safety, privacy and energy-efficiency features that help you make the very best of your home.



Tilt and turn door

Available as inward-opening only, tilt and turn doors function in two ways. They are hinged from the side and open inwards, or, for ventilation, the leaf can be tilted. Tilt is available on master leaf only. Available in Rationel AURAPLUS triple-glazed only.

Min. width	Min. height	Max. width	Max. height
1,003mm	1,803mm	1,998mm	2,198mm



Casement door

Available as outward-opening only, casement doors are ideal for access to balconies, gardens and patios. The slim construction allows maximum daylight and heat into the house without compromising functionality and comfort. Casement doors come fitted with an inbuilt friction brake operated by turning the handle down in any given position. They are hung on grey powder-coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt.

Min. width	Min. height	Max. width	Max. height
938mm	1,703mm	2,328mm	2,398mm



Sliding door

Designed to be as beautiful as the views they frame, sliding doors allow the garden into your home in the summer but keep the heat inside throughout the winter. Sliding doors, where one half slides and the other is fixed, are ideal when space is at a premium. The sliding part lifts easily and glides in front of the fixed section to create a clear opening of up to 1.55 metres. Available in AURAPLUS triple glazed only.

Min. width	Min. height	Max. width	Max. height
1,788mm	1,863mm	3,588mm	2,388mm

All maximum width and height measurements are subject to glass weight and specification.



Rationel SECURE

Our windows are built with security in mind. Read more about our Secured by Design certification on our website.



Rationel OBSCURE

Our panes are designed to restrict the view into private areas such as bathrooms. Choose from six different types of glass to get the combination of light and privacy you desire.



Rationel SAFETY

Our glass holds together when shattered, reducing the risk of injury if someone falls into the pane. The toughened glass is designed to fall out of the sash and shatter into small, harmless pieces. Panes can be made of toughened glass, laminated glass or a combination of both.



Rationel FACADE

Used in buildings either to create a visually coherent facade or for special colour effects. Facade is well suited to storey divisions as well as ventilated and insulated panels, and is available in special colours on request.



Rationel SOUND

If your home is subject to environmental noise, our noise-reducing panes are for you. Panes feature two glass sheets that act as a break, dramatically reducing the movement of sound into your home and creating a peaceful environment.



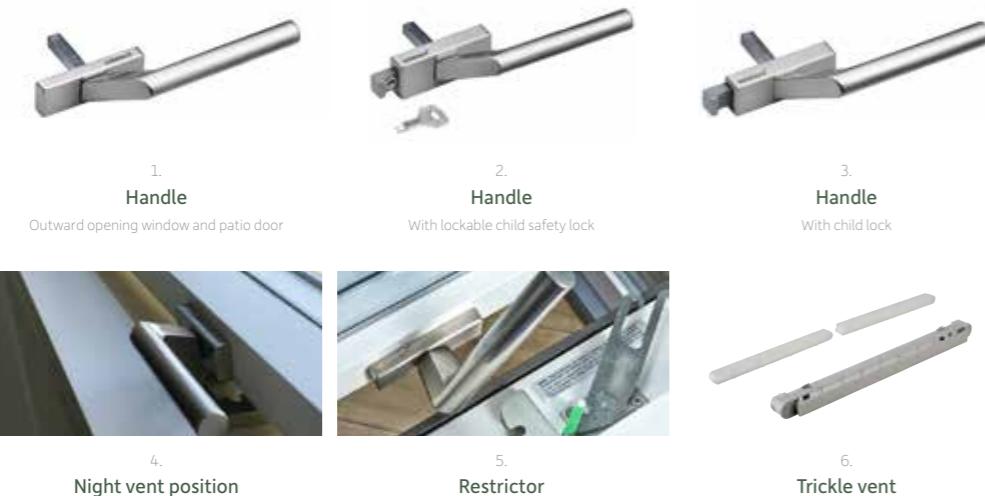
Rationel SOLAR

Our solar panes limit the amount of sunlight and heat coming into a building, depending on the light and heat shielding levels required. This means significantly less energy will be required to cool hot rooms.

Handles and accessories

Customise your windows and doors with different handles and accessories.

Windows



Secured by Design and Part Q

Our experience working with housing associations, community developments and commercial projects means the security and safety of our doors are second to none.

Our doors are tested and marked according to several national and European standards, including Secured by Design. That means the frame, lock and hardware can withstand common burglary methods.

To meet Part Q requirements, windows and doors must satisfy particular standards of robustness, use approved hardware and demonstrate proven security performance.



Top Three-point locking

Three-point espagnolette locking mechanism inhibits burglary.

Bottom Hook bolts

Hook bolts in hardened steel combined with a reinforced front plate resist even severe attacks.

Top Reinforced espagnolette

Reinforced espagnolette increases the strength of all closing points.

Bottom Laminated pane

The length of time it takes to break a laminated pane will discourage even the most persistent burglars.

Bottom Reinforced screws

Extra-strong reinforced screws increase the strength of all hinges.

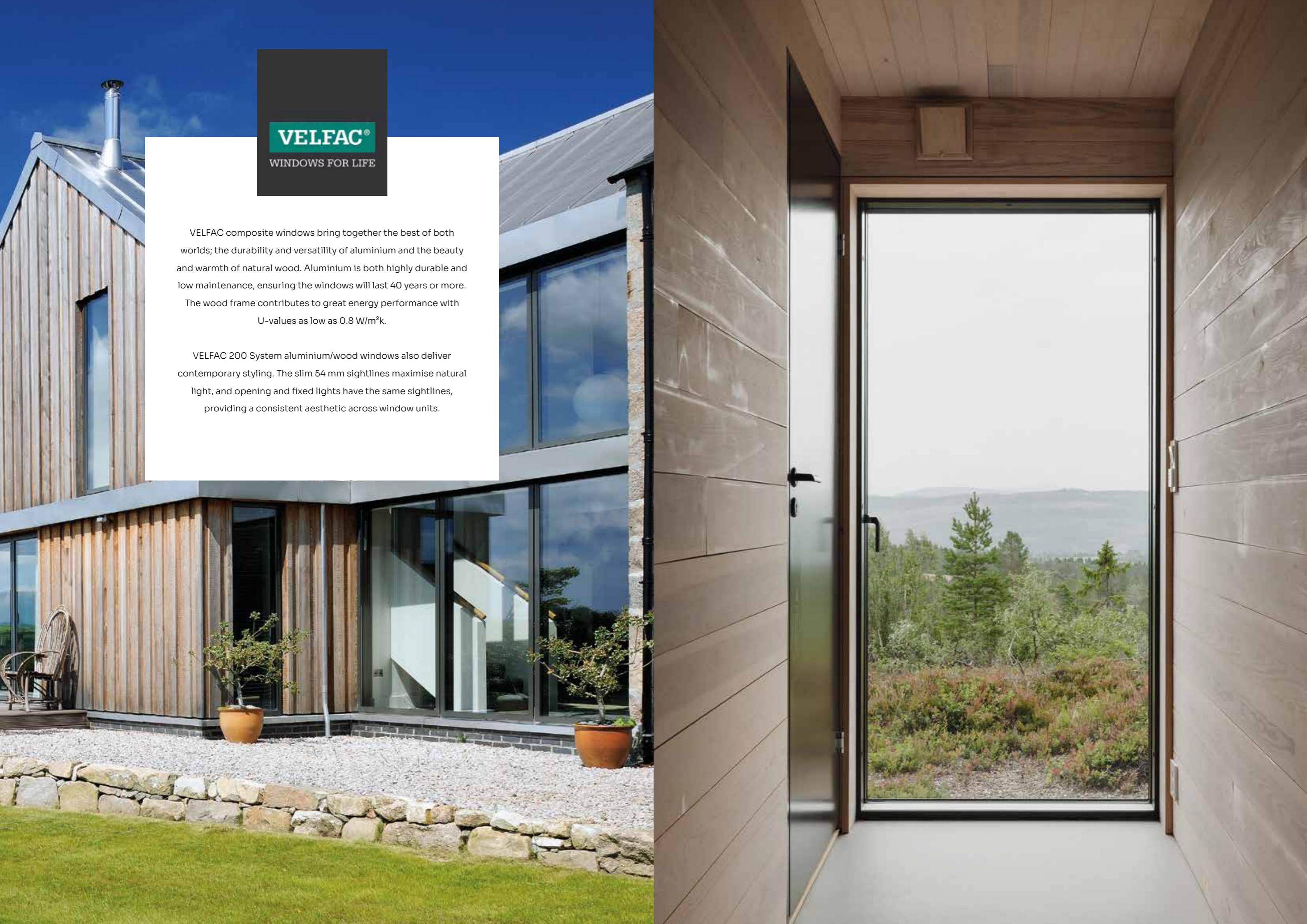
Bottom Letterbox

The letterbox has an inner protective housing with a unique concealed hinge mechanism. This limits the opening of the inner flap for maximum protection from "fishing" burglaries.

Secured by Design



Official Police Security Initiative



VELFAC composite windows bring together the best of both worlds; the durability and versatility of aluminium and the beauty and warmth of natural wood. Aluminium is both highly durable and low maintenance, ensuring the windows will last 40 years or more. The wood frame contributes to great energy performance with

U-values as low as 0.8 W/m²k.

VELFAC 200 System aluminium/wood windows also deliver contemporary styling. The slim 54 mm sightlines maximise natural light, and opening and fixed lights have the same sightlines, providing a consistent aesthetic across window units.

Many opening functions One sightline appearance



Fixed, guided or fully reversible... you can specify your window combinations and also how you want them to open without compromising on design.

VELFAC windows and doors all feature a modern, uniform slim frame design, so it doesn't matter which opening function you choose, you will always have the same beautiful sash appearance.



Technical information about VELFAC windows and doors

Opening functions

► Fixed casement

Ideal for maximising internal light and making the most of attractive views. Fixed windows have the same slim profile as opening sashes in order to deliver a uniform appearance.



► Side hung

Side hung windows open up to 90°. This allows the windows to fully open, and enables these units to be used as part of a fire escape strategy.



► Top hung fully Reversible

The sash can be rotated up to 170° to allow cleaning from the inside. The window can be reversed to the cleaning position where an automatic catch keeps the window in place.



► Top guided

When opened, the sash provides a ventilation gap at the head. Adjustable friction ironmongery allows many different choices of opening positions. This is ideal for kitchens or bathrooms where there may be obstructions, such as worktops or taps, as the handle is positioned at the bottom of the window frame.



► Side guided

When opened, the hinge side of the sash moves towards the middle to create an opening that allows the glass to be cleaned from the inside.



► Glass to glass corner windows

An ideal way to make the most of external views, without the disruption of corner posts, and to maximise natural light internally.



Bring the outside in with VELFAC doors



If you want to make more of your outside space, enhance a fabulous view, or simply maximise natural light, VELFAC doors provide beautiful, secure and flexible solutions.

Multi-point locking brings peace of mind, and ensures the door closes tightly, eliminating draughts. Door construction also delivers excellent low energy performance.

VELFAC doors are the ideal complement to your VELFAC windows. Finished to match frame colours, inside and out, a VELFAC door features the same uniform sightlines that make VELFAC windows so distinctive, allowing a seamless transition from door to window.

Install VELFAC doors on their own, or with VELFAC window units to create stunning entrance features to add character and style to your house.



► Casement Doors

The casement door may be used as an exit to a garden, balcony or terrace, for example from a living room or bedroom. The door can be divided by glazing bars or infill panels chosen to complement the overall building design.

► Sliding Doors

The sliding door takes up very little room and is specially designed for narrow terraces and balconies to optimise the space available. VELFAC sliding doors are available with standard (72mm) or low (25mm) threshold.

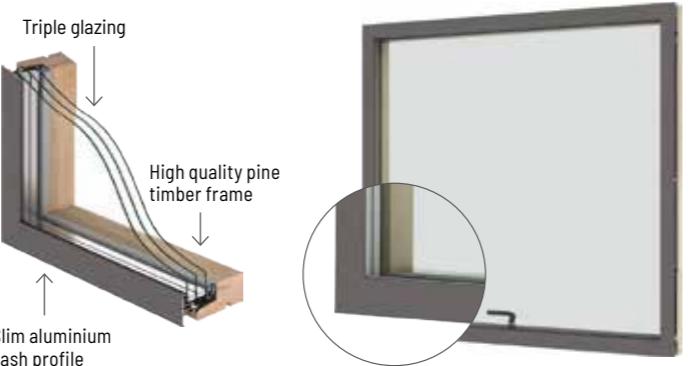
Discover all the benefits of VELFAC composite windows and doors

What does a VELFAC composite window look like?

The VELFAC frame design brings together the best of both worlds - the warmth of internal wood and the durability of external aluminium.

Inside the frame the glass panes are separated by a cavity filled with argon - which has an insulating effect.

The combination of our windows elements, insure optimal energy performance and life expectancy of up to 60 years.



5 good reasons to choose VELFAC composite windows and doors

Choose your own window features

All VELFAC windows and doors are tailor made. You can specify size and shape, mix and match hundreds of frame colours, and choose from a variety of handle functions and surface finishes. Choose between click vents or fully concealed electric openers to let in fresh air.

Save on heating

Windows play a crucial role in reducing a building's energy consumption to the lowest level possible. Save on heating with our energy efficient windows, supplied with low energy glazing as standard.

Reduce the use of artificial lighting

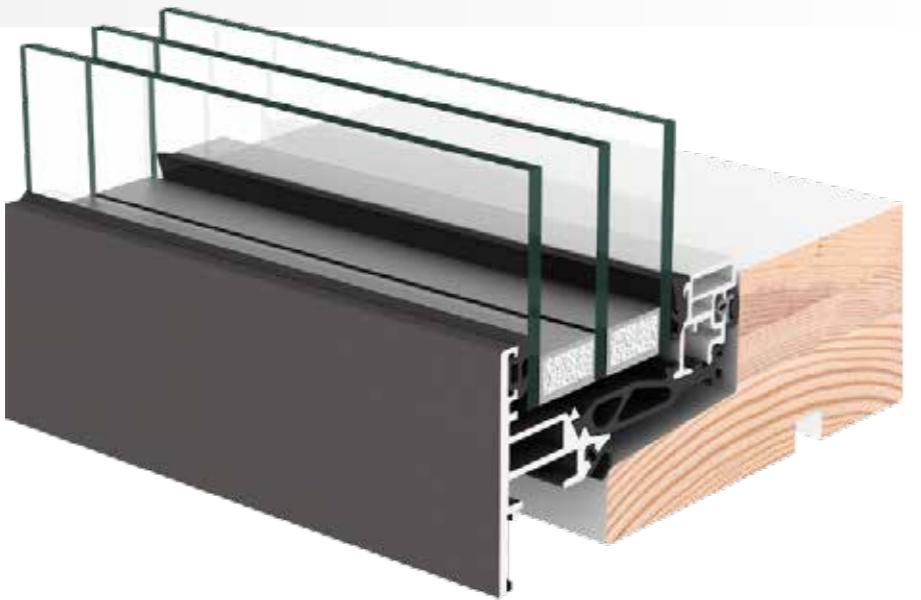
The VELFAC slim frame design not only looks good but also lets up to 50% more natural light into your home, reducing the need for artificial lighting. Natural light has also been proven to have a positive psychological effect on people who are exposed to it.

12 year warranty

We offer a comprehensive 12-year warranty on our windows and a life time expectancy of up to 60 years. Our composite wood/aluminium windows are practically maintenance free - so put aside the paint brush and enjoy life.

Feel safe at home

Invest in your family security and feel safe at home. VELFAC offers a range of products certified by Secured By Design, the flagship initiative to 'design out crime' from the Association of Chief Police Officers.





Opening functions

Please note. All maximum width and height measurements are subject to glass weight and specification



Sidehung Window

Min Width	Min Height	Max Width	Max Height
300mm	369mm	1100mm	2485mm



Casement Door Single

Min Width	Min Height	Max Width	Max Height
400mm	1800mm	1100mm	2485mm



Side-guided Window

Min Width	Min Height	Max Width	Max Height
370mm	375mm	1000mm	1800mm



Casement Door Double

Min Width	Min Height	Max Width	Max Height
800mm	1800mm	2200mm	2498mm



Fixed Casement

Min Width	Min Height	Max Width	Max Height
260mm	230mm	4000mm	4000mm



Sliding Door Single

Min Width	Min Height	Max Width	Max Height
1600mm	1800mm	2998mm	2498mm



Top-guided Window

Min Width	Min Height	Max Width	Max Height
260mm	370mm	1800mm	1600mm



Sliding Door Bi-Parting

Min Width	Min Height	Max Width	Max Height
3200mm	1800mm	7380mm	2498mm



Fully Reversible

Min Width	Min Height	Max Width	Max Height
375mm	490mm	1800mm	1600mm



Tilt and Turn

Min Width	Min Height	Max Width	Max Height
500mm	510mm	1298mm	2400mm

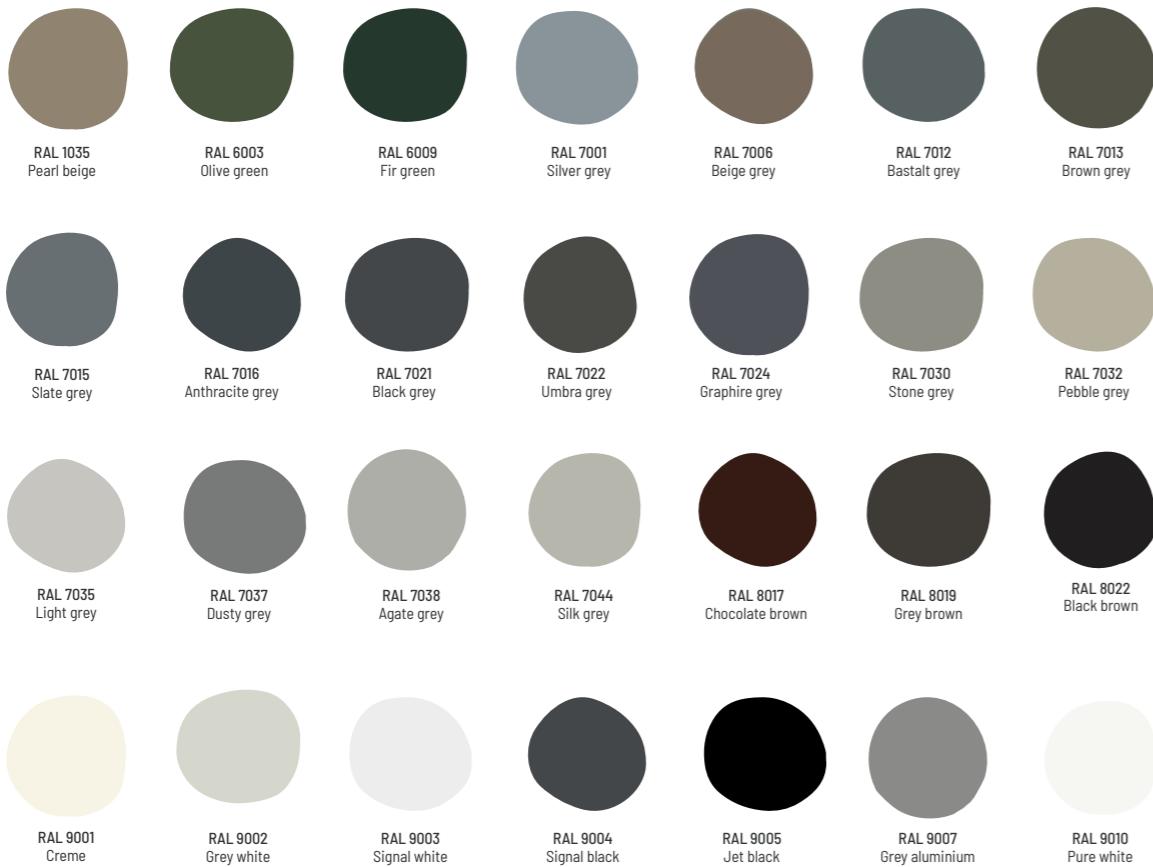
Details that make the difference

Mix and match hundreds of frame colours and surface finishes.

With VELFAC, you can choose the ideal colour for your new windows and you can specify different colours for internal and external frames.

The external frames can be finished in any RAL colour, granite or metallic. VELFAC Standard RAL colours come at no additional costs.

VELFAC standard colours*



*Overview of RAL standard colours:
All colours are available in gloss and matt finish.
RAL1035 Pearl is available in 88% gloss only and has a longer delivery time.

Key features

- Wide range of standard colours
- Granite or Metallic available as special finish options



Accessories

Customise your windows and doors with VELFAC accessories. You can choose different handles type and add click vents or fully concealed electric openers to let in fresh air.

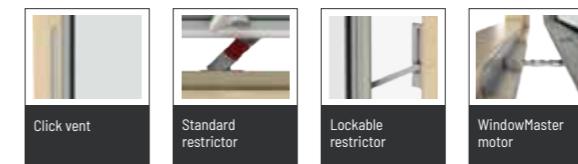


➤ Handles:



All espagnolettes can be supplied with a lock and key for extra security or with a child-lock button.

➤ Ventilation:

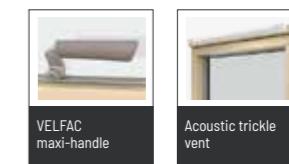


The fully concealed, anodized click vent helps improve ventilation and the indoor climate.

Restrictors limit opening of the window to about 50cm. They need to be released before the window can be opened completely.

The WindowMaster motor can be computer controlled and used in natural ventilated projects or where windows are inaccessible.

➤ Others:



The warm and non-slip surface of the maxi-handle makes opening the window easier for those with an infirm grip.

The acoustic trickle vent achieves a sound reduction value without compromising internal ventilation.

High performance glazing options

With VELFAC you can not only customise window colour, shape and accessories, but also the ideal glass to meet performance demands and to satisfy privacy needs.

Our team of experts can advise on the best glass options for your home.



➤ VELFAC Standard

Provides a light, pleasant interior and a clear view of the external environment, with triple glazing as standard for enhanced energy efficiency and comfort.

➤ VELFAC Sound

Effective glazing is fundamental to noise control – VELFAC SOUND glazing provides a range of strategies for acoustic control without compromising the beauty of the VELFAC frame.

➤ VELFAC Sun

Is designed to reduce solar gain and glare, and is ideal for south or west facing facades, or large areas of glass. VELFAC SUN reflects up to 60% of the sun's heat while allowing plenty of natural light to enter the interior.

➤ VELFAC Safety

Choose VELFAC SAFETY glazing in areas where glazing is at risk from human impact (safe breakage) or where glazing is required to form a physical barrier between levels (containment).

VELFAC Décor

opaque glass can be used in areas where privacy is required. It is available in five different designs: Satin, Pacific, Carré, Cotswold, or Matt Lam (glass laminated with a matt foil to give a sandblasted appearance).



Satin



Carré



Cotswold



Pacific

Mat Lam

Let daylight in



➤ Conventional window



➤ VELFAC 200



VELFAC is characterised by slim profiles which give your home an elegant look and let in more light.

VELFAC windows and doors combine beauty, strength and function with an unrivalled focus on detail. Our signature frame is both slim and elegant, a design which not only looks good but which also lets significantly more natural light into your house than a traditionally styled alternative, increasing the feeling of light and space within a room.

This natural light reduces the need for artificial lighting and encourages a feeling of well-being, and can have a positive impact on the apparent size of the interior.

Even smaller rooms can appear larger if they have an ample supply of natural light.

Key features

- Slim frames
- Uniform appearance, regardless of opening function
- Up to 50% more daylight entering the interior

BeL'M
ENTRANCE DOORS



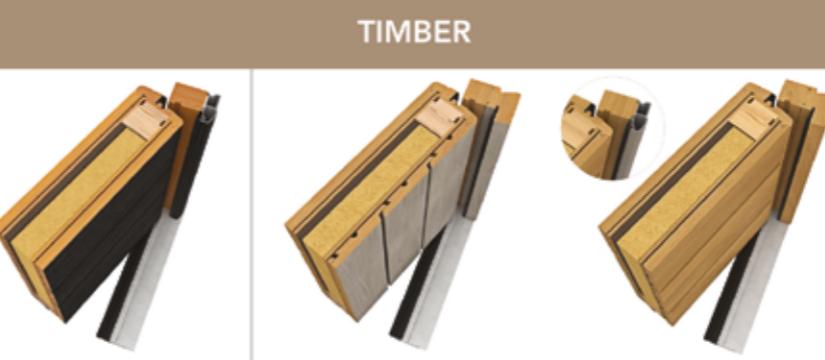
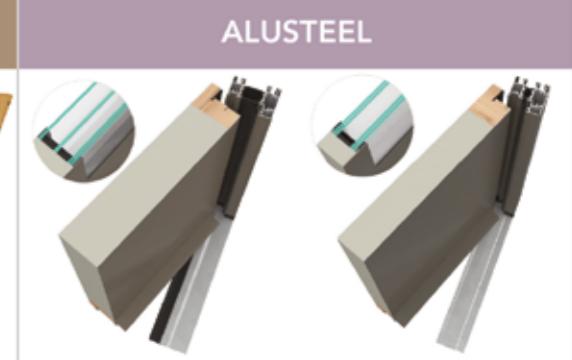
A-203
Grey 2400 T

OUR DESIGNS

MATERIAL	ALUMINIUM			
Design concept				
	100	80	100 RED CEDAR	
Number of models per range	10	44	7	
Slab thickness	98 mm	80 mm	94 mm	
Thermal insulation*	0,68	0,91	0,76	
Ud (W/m².k)				
Acoustic insulation (Ra, tr) dB	32	31 ≤ dB ≤ 34	30	
Security	 	Standard**		Optional
Locking system	5 point automatic Other options			
Smart Home Technology	Optional motorised lock		Optional motorised lock	
WARRANTIES				
Brightness and colour				
Locking system				

* Lowest Ud value according to the standard EN 14351-1

**Excluding models
A-120, A-126, A-151 to A-166

TIMBER			ALUSTEEL	
				
100 ACCOYA SHOU SUGI BAN	100 ACCOYA	100 OAK	68+	48
7	3	2	35	35
94 mm			68 mm	48 mm
0,82	0,79	0,83	0,76	1,1
30	34	29 ≤ dB ≤ 30	24 ≤ dB ≤ 29	24 ≤ dB ≤ 29
 Optional			  Optional	  Optional***
5 point automatic Other options			5 point automatic Other options	
Optional motorised lock			Optional motorised lock	
				

***Excluding models
S-105, S-108, S-116 S-117, S-143, S-144, S-154.
Alusteel 48 range, certification in progress.



A-200
Ceramic Stone Anthracite /
Grey 7016 T

ALUMINIUM 100

The properties of aluminium make it a highly durable material with infinite finishing possibilities. The combination of aluminium and ceramics provides an incredible lifespan.

ALU 100

PERFORMANCE AND DURABILITY



* Solid door according to EN 14351-1



WARRANTY
Brightness and colour



Our doors have been tested and certified PAS 24 by UL Laboratories.

Standard



Our entrance doors have been tested by IFT Rosenheim and are class 2 certified as per EN 1627 standard in terms of high break-in resistance (please contact us).

01 Highly insulated Aluminium frame with thermal break.

02 Edge seal on the door sash ensuring air tightness.

03 Seal on door frame ensures water and air tightness.

04 98 mm high-strength single panel aluminium door slab with enhanced thermal insulation.

05 Thermal insulation - High performance acoustic insulation made of compressed wood fibre.

06

07 Powder-coated aluminium facing with High durability.

08 Ceramic or Inox tone decor depending on the model.

09 20 mm aluminium threshold meeting the requirements of accessibility standards for PRMs (people with reduced mobility).



EXTERNAL VIEW



A-203

INTERNAL VIEW



A-203

ALUMINIUM

COLOURS

28 Colours, including

19 Textured shades



S = Matt
T = Textured

WARRANTY



Brightness and colour



Darker shades absorb heat. In direct sunlight, the door like any dark product, can reach high temperatures that may cause burns in the event of close contact, for which Bel'M Entrance Doors cannot be held responsible in case of a personal accident.

PERSONALISE YOUR DOOR WITH THE COMBINATION OF YOUR CHOICE

Ceramic and aluminium: a winning combination. Simply chose the combination that will make your door extraordinary.



OTHER COMBINATIONS / ANDERE KOMBINATIONEN / AUTRES COMBINAISONS :

Combine 1 colour from the colour chart to one of the 5 ceramic finishes.



LOCKING SYSTEM

5 Point automatic



Mechanical and waterproof guarantee

2 bolts + **2** hooks + **1** deadbolt + latch bolt





TIMBER RED CEDAR

Red Cedar wood offers unusual longevity. Its very fine grain results in superb finishes, revealing differences in natural hues.

TIMBER 100 RED CEDAR

UNIQUE STYLE AND PERFORMANCE



* Solid door according to EN 14351-1



Biosourced and certified natural thermal insulators.



Optional



Motorized lock option available



WARRANTY

Brightness and colour



Our entrance doors have been tested by IFT Rosenheim and are class 2 certified as per EN 1627 standard in terms of high break-in resistance (please contact us).

01 94 mm monobloc door leaf. Biosourced thermal insulation 37 mm (natural wood fibre). 10 mm very high performance acoustic insulation.

02 Frame: solid oak inner side.

03 Aluminium frame on the outside and solid oak on the inside on models T-201, T-202 and T-204.

04 Seals on sash and frame ensuring water and air tightness.

05 Wooden blades in Solid Red Cedar.

06 Red Cedar outer frame on T-101,102,103,108 models.

07 20 mm aluminium threshold meeting the requirements of accessibility standards for PRMs (people with reduced mobility).

EXTERNAL VIEW



T-102

INTERNAL VIEW



T-102

DESIGN, PERFORMANCE AND EXCLUSIVITY



* Solid door according to EN 14351-1

01 94 mm monobloc door leaf. Biosourced thermal insulation 37 mm (natural wood fibre). 10 mm very high performance acoustic insulation.

02 Outer frame in Aluminium powder coated black 9005 textured and inner in Solid oak.

03 Seals on sash and frame ensuring water and air tightness.

04 Accoya® wooden blades in various sizes. Shou Sugi Ban finish.

05 20 mm aluminium threshold meeting the requirements of accessibility standards for PRMs (people with reduced mobility).



Biosourced and certified natural thermal insulators.



WARRANTY



Brightness and colour

Our entrance doors have been tested by IFT Rosenheim and are class 2 certified as per EN 1627 standard in terms of high break-in resistance (please contact us).



Optional



Motorized lock option available

EXTERNAL VIEW



T-221

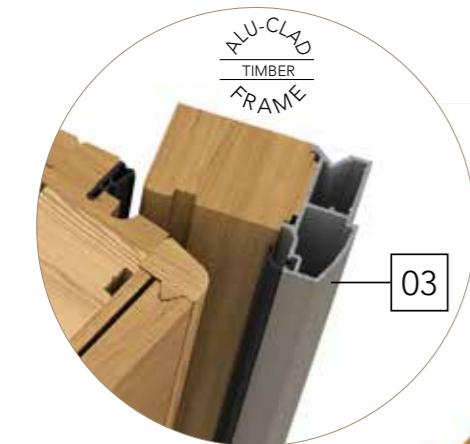
INTERNAL VIEW



T-221

TIMBER 100 OAK

STYLE, PERFORMANCE AND AUTHENTICITY



* Solid door according to EN 14351-1



Biosourced and certified natural thermal insulators.



WARRANTY

Brightness and colour



Our entrance doors have been tested by IFT Rosenheim and are class 2 certified as per EN 1627 standard in terms of high break-in resistance (please contact us).



Optional



Motorized lock option available

EXTERNAL VIEW



T-203

INTERNAL VIEW



T-203



S-149
Grey 2400 T
Optional stainless steel 1800mm
straight pull bar with through fixings

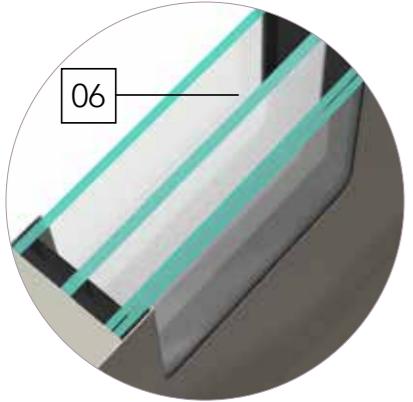
ALUSTEEL

Steel, a solid and robust material with exceptional performance.
Available in 2 door thicknesses (68 or 48 mm) and suitable for all budgets.

ALUSTEEL

THE BEST PERFORMANCE/PRICE RATIO

ALUSTEEL 68+



01 Aluminium frame with thermal break.

02 Edge seal on door sash for airtightness.

03 Seal on door frame for watertightness.

04 Door composed of 2 postformed steel facings, separated by thermal insulation (polyurethane foam).

05 20 mm aluminium threshold meeting the requirements of accessibility standards for PRMs (people with reduced mobility). Thermal break threshold for the Alusteel 68+.

06 Double or triple pane Flush laminated glass for contemporary models according to designs.

EXTERNAL VIEW



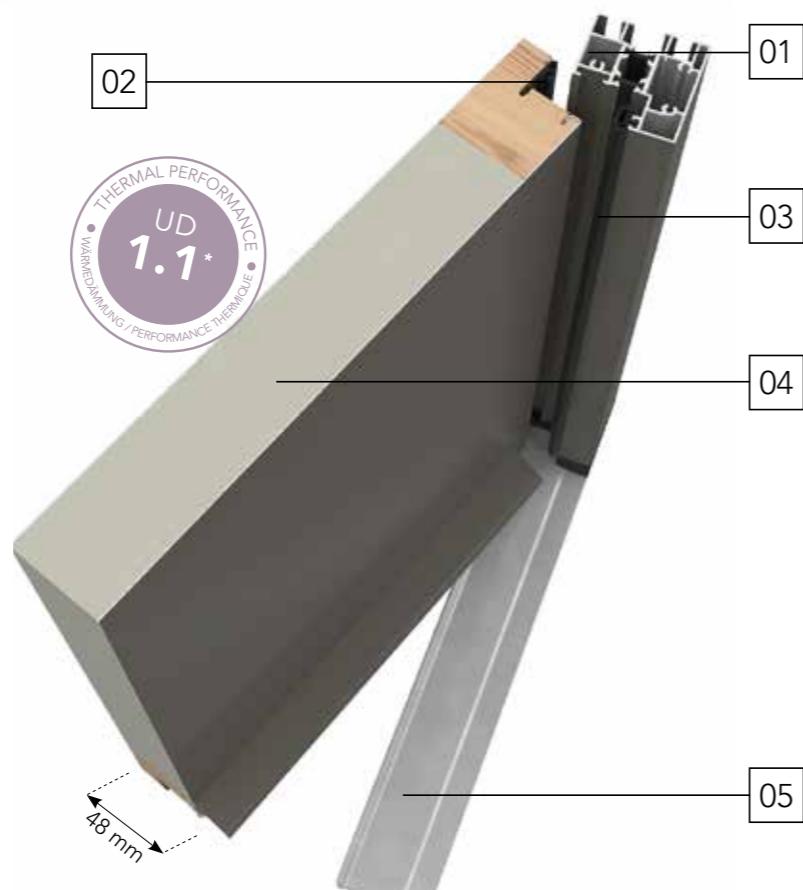
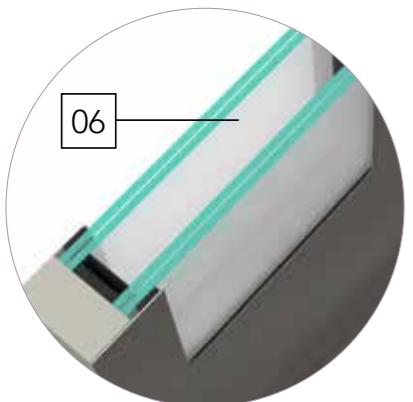
S-102

INTERNAL VIEW



S-102

ALUSTEEL 48



10 YEARS **3 YEARS** **WARRANTIES**
STANDARD COLOURS OTHERS COLOURS RAL
Brightness and colour

Optional



Our alusteel 68+ doors have been tested and certified PAS 24 by UL Laboratories.



Our entrance doors have been tested by IFT Rosenheim and are class 2 certified as per EN 1627 standard in terms of high break-in resistance (please contact us).

* Solid door according to EN 14351-1

HARDWARE

HARDWARE

PULLBARS



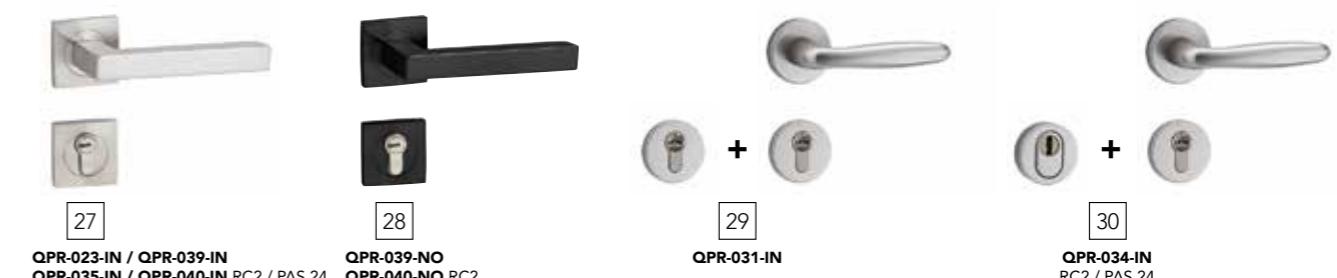
PULL HANDLE



HANDLE WITH ROSETTE



½ HANDLE WITH ROSETTE (inside) paired with a pull bar (outside)



OTHER ACCESSORIES



HANDLE ON BACK PLATE



Origin are the UK's leading specialist manufacturer of bespoke aluminium Bi-folding Doors and Windows. Origin's products combine high grade aluminium with precision engineering to create functional and elegant products which are designed to last.



Introducing the Origin Door Collection...

The Origin Home Collection is a suite of the finest quality products, designed and manufactured in Great Britain, by Origin

A fundamental part of this is the Door Collection which is a beautifully crafted and expertly executed collection of doors that are made from premium grade aluminium.

Offering two sightline options (either 49mm or 72mm), the Origin Door is available as a bi-fold, a corner bi-fold, a traditional French door or as a single door; meaning there's a door option for you, no matter your renovation.

In addition to being visually stunning, Origin Doors are completely bespoke, so you can tailor them to your stylistic and practical needs.

Complementing any property – whether it be a new or existing build, an extension, or even a period style cottage – the Door Collection is guaranteed to change the way a home is interacted with, enabling it to be enjoyed like never before, wherever you may be.

Visually stunning, ultra-secure
and completely tailored to
your home

To some, a door is merely an entranceway to access a new area or room. But for Origin and tens of thousands of homes internationally, it's so much more. It's a transformation not only to the aesthetics of a home, but to a way of life; a lifestyle that unites surroundings and families alike.

The Door Collection holds the key to longer summer days, warmer winter evenings and an all year round uninterrupted widescreen view of your world.

Product displayed: OB-49
Colour shown: Anthracite Grey - 7016M



The OB-49...

The OB-49 is our slimline door system that has been re-engineered from the industry-renowned OB-72. Its sightline of just 49mm means less profile and more glass is achieved, giving you a panoramic view of your surroundings.

Manufactured from premium grade aluminium, it offers impressive panel sizes without compromising on security, thermal or operational performance - it's the ultimate combination.



Inspired by colour...



Make it everything you've always wanted, make it yours

With over 150 different RAL shades to choose from, you can be sure to find a colour that suits your style, no matter how subtle or outrageous it may be.

Ranging from bright primary shades through to candy pastels and deeper earthy tones, our extensive colour palette is guaranteed to offer inspiration to homeowners and interior designers alike.

To take this even further, you can take advantage of our dual colour option, which means your exterior colour can complement the building style while the interior frame can blend in or contrast with your colour scheme inside. Many of our RAL colours also come with the option of offering a matt, satin or gloss finish.

In order to make this finish truly flawless, the highest grade power coating is applied to our aluminium. Durable yet smooth to the touch, it offers the benefit of being highly resilient to the elements.



Your doors when you want them

Should you decide on one of our popular colours, you will benefit from a never seen before lead time...

Origin's 'Your Lead Time, Not Ours' delivery promise means that the door's delivery date can be specified at the point of ordering, so the manufacturing schedule is controlled by your requirements.

Whether it's for a day, a week or a month's time, Origin can deliver.*

Popular colours span from Hipca White to Jet Black and cover all the metallic shades in between. Also included in the popular range colour range is a timeless dual colour option and two authentic looking woodgrain finishes.”

*Delivery will be made to your chosen Partner and their availability will dictate your installation date.

**Woodgrain options are only available on the OB-72.

Product displayed: OB-72
Colour shown: Anthracite Grey - 7016M



The OB-72...

The OB-72 is the door system that started it all for us. Born after our owners found they could not get great aluminium folding sliding doors for their building projects, their ambitious solution was to create a company capable of manufacturing the UK's best quality doors, that's backed by uncompromising levels of service.

The result was the OB-72 - a cleverly designed, beautifully made and exquisitely finished sliding folding door system that features a unique free-glide running system.

Offering sightlines of 72mm and chamfered beading, it provides a more traditional style and given its innate strength, it means that it can accommodate door sets of up to twelve doors in a single configuration, as well as corner bi-fold set ups.





Life with no boundaries...

The slim sightlines and expanse of space offered by the Origin Door can transform a home by removing the barrier between the inside and out. The bespoke nature of every Origin Door means that you can reduce that barrier further through a choice of thresholds.

Weathered, non-weathered and mobility options are available, so you can pick the right option for your home depending on where the doors are going and how exposed to the elements they will be.

With our cleverly engineered weathered option, the track can be recessed and sunk into the floor, leaving a minimal step into your new space. This threshold type ensures a home is kept watertight and weather protected.

Non-weathered options offer a level floor finish and create a seamless transition between inside and out. Non-weathered options are largely recommended for internal usage. Mobility thresholds are only available on French and single doors.

Weathered, non-weathered and mobility thresholds are available

The slave and D-handle – both of which have been specifically designed by Origin to withstand a pull of 1600 Newtons – are available in any one of the 150 RAL shades or a stainless steel effect finish, so they can be matched or contrasted to the door itself.





Product displayed: OB-72

Colour shown: Anthracite Grey - 7016M

Corner Bi-fold Door

Put simply, we know that there are times when conventional door sets just won't do.

No matter the type of build or how unconventional the layout, we can work with you to ensure that you're making the right use of your space with the right door.

Origin's Corner Bi-fold Doors allow for a point of light in an area which would usually be shaded, and can be manufactured with or without fixed posts for a truly unrestricted panoramic view.



French Door

Traditional styling with a modern touch, Origin French Doors are great for areas where space is at a premium, to ensure you get the most from your view.

French doors can stand alone in widths ranging from 936mm – 2,536mm and can be as tall as 3,000mm (without a sill). Additionally, flags or fixed panels can be added either side to fit into larger openings.

The French Door can feature a mobility threshold for ease of access.



Product displayed: OB-49

Colour shown: Pebble Grey - 7032M



Single Door

Origin offers a single door option, which is manufactured with the same care and attention to detail as the rest of the Origin Home Collection, ensuring a truly harmonious look.

Our single door uses the same beautiful profile as our bi-folding doors, and are perfect as a side exit or utility door.

The single door can also be specified with a mobility threshold.



Glazing Bar Door

Origin Doors not only offer access to indoor / outdoor living, but can also be tailored to suit any property style whilst enhancing the character.

Sometimes referred to as Georgian bars or steel effect bars, our glazing bar doors offer a unique period style effect with a modern feel.

The bars can be placed horizontally, vertically or both as a grid effect and are able to complement a traditional, modern or commercial look without compromising on the amount of light coming in.



Product displayed: OB-72

Colour shown: Anthracite Grey - 7016M

Bespoke Services

Redefining Space. Reflecting Status. Framing Luxury.

At AJS, we understand that every home is unique — and so are the people who live in it. Our bespoke joinery service gives you complete freedom to create windows and doors perfectly matched to your vision, your property, and your lifestyle.

From the first conversation to the final installation, we work closely with you to design and craft pieces that reflect your individual style. Whether you want to replicate period details, complement existing joinery, or achieve a contemporary look, our experienced team brings your ideas to life with precision and care. Combining traditional craftsmanship with modern techniques, we ensure every window and door delivers lasting beauty, exceptional performance, and meticulous attention to detail. The result is something truly personal — made to measure, made to last, and made for you.

Designed for You

Every project begins with understanding. We take the time to explore your requirements down to the finest details. All we need to get started is some pictures of door designs that you like, whether it be something that has caught your eye from the internet or a next-door neighbours.

Crafted by Hand

Each item is individually handmade by our skilled joiners using the finest timbers and materials. Our suppliers workshop blends traditional handcraft with modern machinery, ensuring accuracy, durability, and timeless quality in every component.

Personalised Finishes

Select from a wide range of finishes, colours, glazing styles, and hardware to create your ideal look. We can match existing paint shades, replicate heritage mouldings, and source bespoke fittings — all to ensure a seamless result that enhances your home's character.

Built to Endure

Our bespoke windows and doors aren't just designed to fit perfectly — they're built to perform beautifully for years to come. Each piece represents a collaboration between your vision and our craftsmanship, creating joinery that's truly one of a kind.



System Benefits

AluClad – U-val as low as 0.78

Durability and Low Maintenance

- ✓ Aluminium exterior protects against harsh weather (rain, snow, UV rays, salt air) without warping, cracking, or fading.
- ✓ No repainting or refinishing is needed on the exterior — unlike traditional timber windows.
- ✓ The wood interior remains protected, meaning less long-term maintenance overall.

Natural Aesthetic Inside

- ✓ The timber interior provides a warm, elegant, and natural look that fits well in traditional and modern homes alike.
- ✓ You can choose from different wood types (oak, pine, ash, etc.) and finishes to match your interior décor.

Energy Efficiency

- ✓ Wood is an excellent natural insulator, reducing heat loss and helping maintain indoor comfort.
- ✓ Aluminium cladding can incorporate thermal breaks, improving insulation performance.
- ✓ Many AluClad systems achieve high energy ratings, meeting or exceeding modern building regulations.

Strength and Security

- ✓ Aluminium adds structural rigidity, allowing for larger glass panels and slimmer frames without compromising strength.
- ✓ Enhanced security performance compared to standard timber or uPVC systems.

Weather Resistance

- ✓ The aluminium exterior acts as a shield against moisture and temperature changes, preventing swelling, rot, and corrosion.
- ✓ Particularly well-suited for coastal or exposed locations.

Design Flexibility

- ✓ Aluminium exteriors can be powder-coated in virtually any colour (RAL finishes), with gloss, matt, or textured options.
- ✓ Wood interiors can be stained or painted to your preference.
- ✓ Suits both contemporary and heritage designs.

Sustainability

- ✓ Many AluClad systems use sustainably sourced timber and recyclable aluminium, reducing environmental impact.
- ✓ Long lifespan means fewer replacements and less material waste.

Long-Term Value

- ✓ Although the initial cost is higher than uPVC or softwood options, AluClad windows and doors offer excellent longevity (often 40–60 years with minimal upkeep).
- ✓ The combination of aesthetics, efficiency, and low maintenance can increase property value.

In summary:

AluClad windows and doors = the best of both worlds — warm, natural wood inside + tough, weatherproof aluminium outside — giving you superior energy performance, longevity, and design flexibility with minimal maintenance.

System Benefits

Aluminium – U-val as low as 0.8

Strength and Durability

- ✓ Highly resistant to corrosion, rust, and weathering, even in coastal or humid areas.
- ✓ They don't warp, crack, or swell like timber, and they're more impact-resistant than uPVC.
- ✓ The structural integrity of aluminium makes it suitable for large window spans and sliding doors without bending or twisting over time.

Energy Efficiency

- ✓ Modern aluminium systems include thermal break technology (insulated barriers between inside and outside frames), which greatly improves insulation.
- ✓ Combined with double or triple glazing, aluminium windows and doors can achieve excellent energy ratings and help reduce heating and cooling costs.

Aesthetic Flexibility

- ✓ Aluminium frames have sleek, slim profiles, allowing for more glass area and better natural light.
- ✓ Available in a wide range of powder-coated colours and finishes — including matt, gloss, woodgrain, or anodized looks.
- ✓ They blend well with modern, industrial, or minimalist designs.

Noise Reduction

- ✓ When fitted with acoustic or double glazing, aluminium frames can significantly reduce external noise, ideal for urban or busy areas.

Security

- ✓ Aluminium is naturally strong and rigid, making it harder to force open.
- ✓ Most systems support multi-point locking mechanisms, providing high levels of safety and compliance with modern building standards.

Low Maintenance

- ✓ Unlike timber, aluminium doesn't need regular painting or sealing.
- ✓ Simple cleaning with mild detergent keeps it looking new for decades.

Sustainability

- ✓ 100% recyclable — aluminium can be reused without losing quality.
- ✓ Producing recycled aluminium uses only about 5% of the energy required for new aluminium, making it an eco-friendly choice.

Long-Term Value

- ✓ Though the initial cost may be higher than uPVC or timber, aluminium's longevity, minimal maintenance, and modern appeal often make it more cost-effective in the long run.

System Benefits

Bespoke

Aesthetic Appeal & Design Flexibility

- ✓ Custom Design: You can tailor every detail—style, shape, glazing pattern, finish, and hardware—to suit your home's architectural style and personal taste.
- ✓ Character & Warmth: Timber has a natural beauty and warmth that enhances both traditional and contemporary homes.
- ✓ Period Authenticity: Ideal for listed buildings or heritage properties where maintaining original style is crucial.

Superior Craftsmanship & Quality

- ✓ Precision-Made: Bespoke timber joinery is handcrafted or machine-finished to exact specifications, resulting in superior fit, durability, and smooth operation.
- ✓ Attention to Detail: High-quality finishes, joinery joints, and traditional techniques (like mortise and tenon joints) ensure long-lasting performance.

Excellent Thermal & Acoustic Performance

- ✓ Natural Insulation: Timber is a naturally insulating material, helping retain heat and reduce energy bills.
- ✓ Modern Glazing Options: When combined with double or triple glazing, timber windows and doors can achieve excellent U-values (thermal efficiency ratings).
- ✓ Sound Reduction: Timber frames provide good acoustic insulation, keeping outside noise to a minimum.

Sustainability & Environmental Benefits

- ✓ Eco-Friendly Material: Sustainably sourced timber (e.g., FSC- or PEFC-certified) is renewable, biodegradable, and has a lower carbon footprint than plastic or aluminium alternatives.
- ✓ Longevity: Well-maintained timber windows can last 60 years or more, reducing waste and replacement costs.

Repairable & Maintainable

- ✓ Easy to Refurbish: Unlike uPVC, timber can be sanded, repaired, and repainted, extending its lifespan indefinitely.
- ✓ Cost-Effective Over Time: Though the upfront cost may be higher, the long-term maintenance and replacement savings make it a solid investment.

Property Value & Character

- ✓ Adds Value: High-quality bespoke joinery enhances curb appeal and can increase property value.
- ✓ Architectural Cohesion: Custom designs maintain the integrity of period or architectural features—something off-the-shelf windows can't replicate.

Modern Performance Standards

- ✓ Security: Bespoke timber frames can be fitted with modern multi-point locking systems.
- ✓ Weather Resistance: Engineered or laminated timber resists warping, swelling, and shrinkage, ensuring longevity even in challenging climates.

AJS

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Saturday
By Appointment Only

