



 **ENDURANCE<sup>®</sup>**  
A L U M I N I U M

The Book



Transform your home with  
Endurance Aluminium.



Contents.

The Endurance Experience	1	Our Architectural Range	33-34
Our Installer Partners	2	Windows	35-38
Why Choose Aluminium?	3-4	Window Hardware	39-40
InsuLock Technology	5	Doors	41-42
Thermal Performance and U-Values	6	Door Hardware	43-44
Made In Britain	7	Bifolding Doors	45-48
Our Security Standards	8	Bifolding Door Hardware	49-50
Colour Options	9-10	Sliding Patio Doors	51-52
Our Ranges	11-12	Sliding Patio Door Hardware	53
Four Sash Style Options	13	Bifolding VS Sliding Doors	54-55
Design Your Dream Windows & Doors	14		
		Our Standards & Green Promise	56
Our Heritage Range	15-16		
Windows	17-20		
Window Hardware	21-22		
Doors	23-26		
Door Hardware	27-28		
Internal Doors & Screens	29-30		
Internal Door & Screen Hardware	31-32		







## The Endurance experience.

At Endurance Aluminium, we're here to help transform your home with high-quality aluminium products that combine style, security and thermal performance. Our mission is to make your journey simple and stress-free, from exploring our range of expertly crafted aluminium

solutions to the final flawless installation. With a commitment to excellence at every step, we provide not only premium products but also a seamless experience, ensuring your home upgrade is effortless and inspiring.

## Why choose us?



With over 30 years of expertise in window and door fabrication, we've developed, manufactured, and delivered premium products that homeowners trust. This experience gives us the knowledge to provide innovative products tailored to your needs, ensuring your home is as functional as it is beautiful.

## ENDURANCE INSTALLER PARTNER

Through years of collaboration with thousands of window and door installation businesses, we've built a nationwide network of skilled and trusted professionals to expertly install Endurance Aluminium products as part of our Authorised Installer Partner program. By choosing to work with an Endurance Aluminium Installer Partner, you'll enjoy peace of mind, knowing your installation will be completed to the highest standards with exceptional care throughout.



## You're in safe hands.

We select only the most dedicated and skilled installers to join our Installer Partner Network, ensuring that your windows and doors are installed to the highest standard possible.

Our Installer Partners not only have access to the most stylish, secure, and thermally efficient aluminium products in the UK but also benefit from our extensive knowledge and expertise. At our specialised training facility at Endurance Group Headquarters, our experienced team provides GQA-certified training to ensure every installation meets the highest standards of quality and craftsmanship.

Each year, our Installer Partners manage the installation of tens of thousands of Endurance products, playing a key role in building our reputation as the only large-scale UK manufacturer rated "Excellent" on Trustpilot.

This recognition reflects their expertise and dedication. By choosing an Endurance Installer Partner, you can trust that you'll receive expert guidance in selecting the perfect windows and doors for your home, along with an exceptional customer experience.

## Find your local installer.

Scan here to find your most local Installer Partner.



**To ensure that our Installer Partners reach our high standards, they must meet the following criteria:**

- ✓ Have a track record of installing Endurance products to our agreed fitting standard.
- ✓ Have a clearly defined customer care policy that places the needs of the homeowner first.
- ✓ Have clearly defined policies for monitoring service levels and handling complaints.
- ✓ Have an excellent knowledge of our products and take part in specialist training.





## Bringing the outside in.

The slim sightlines offered by aluminium are the perfect way to connect indoor and outdoor spaces, seamlessly merging your home with its surroundings.

By allowing for larger glass panes and uninterrupted views, aluminium frames create a sense of openness and flow, making interiors feel more spacious, light-filled, and inspiring. This design feature not only enhances the aesthetic appeal of your home but also fosters a stronger connection to nature, transforming everyday living into something extraordinary.



## Why choose aluminium?

Aluminium is the perfect material for creating modern, stylish and high-performance windows and doors. Renowned for its strength, aluminium is significantly more robust than PVC, enabling slim profiles and expansive glass panes without compromising stability. This allows more natural light to fill your home, creating bright, airy interiors that feel spacious and inviting.

But aluminium is about more than just looks. Its solid build quality adds a premium feel, offering a reassuring weight and a satisfying "clunk" when closing. This signals not just durability but also the superior craftsmanship and attention to detail that define a truly high-quality product.

Investing in aluminium means investing in the best for your home. Combining aesthetic appeal, long-lasting durability, and a premium feel, aluminium windows and doors are a smart choice that adds value, comfort, and a touch of luxury to any home.



### AESTHETICALLY PLEASING

Aluminium offers a premium look, with its powder coated finish, solid build quality and variety of colours which are available.



INSULOCK

### THERMAL PERFORMANCE

Thanks to our InsuLock technology, Endurance Aluminium windows retain heat just as well as PVC.



### LONGEVITY

Good quality PVC windows & doors are expected to last around 25 years, while aluminium products can last up to 45 years.



### REUSEABLE

Aluminium is highly recyclable, able to be reused indefinitely without losing quality. Around 75% of all aluminium ever produced is still in use today.

## Colours to define your style.

Aluminium windows and doors offer exceptional flexibility when it comes to colour, making them an impactful statement feature for both the interior and exterior of your home. With an extensive range of colours available, from bold, vibrant tones to subtle, understated shades, you can tailor your windows and doors to perfectly complement your design vision.



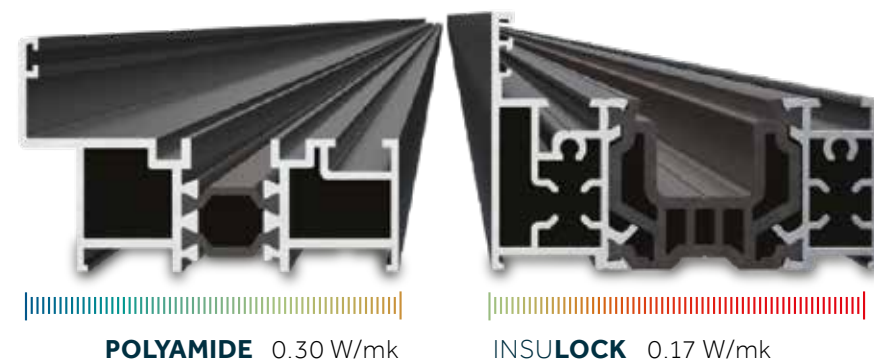




## Experience the future of insulation.

At Endurance Aluminium, we've redefined thermal performance with our revolutionary InsuLock technology. Designed to tackle the UK's toughest weather, our sleek, modern systems combine style and superior insulation like never before.

InsuLock offers almost double the insulation compared to polyamide, which is typically used in all other aluminium window and door systems. This makes Endurance Aluminium windows and doors inherently more efficient than other systems, keeping your home warmer for longer and saving you money on your heating costs.



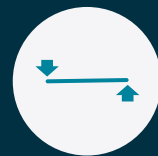
**THIS ALL GOES TO MAKE ENDURANCE THE MOST THERMALLY EFFICIENT ALUMINIUM SYSTEM IN ITS CLASS**



**MULTI CHAMBERED  
THERMAL BREAK**



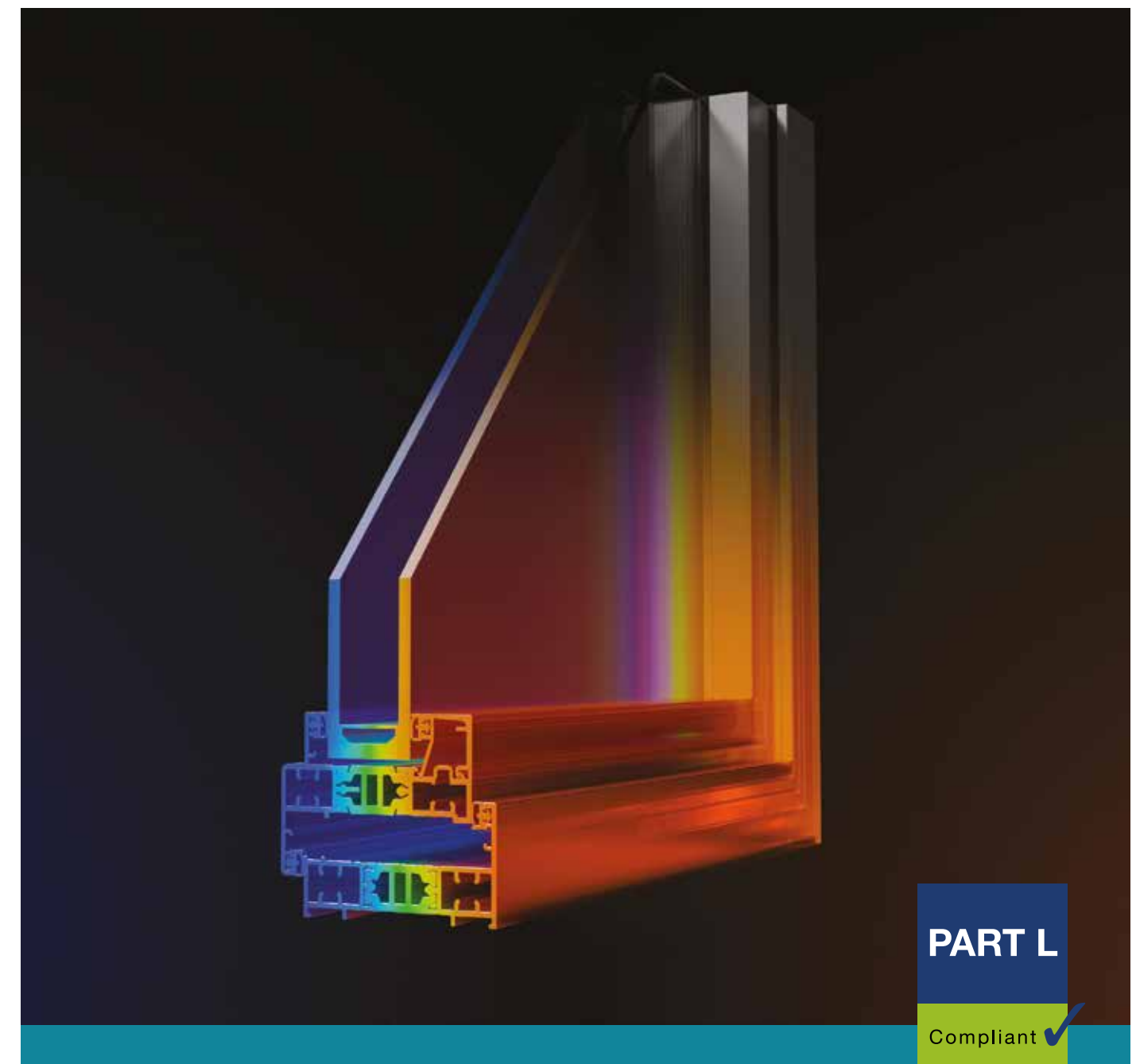
**WIDER INTEGRATED  
ONE-PIECE DESIGN**



**RIGID AND  
MORE STABLE**



**WARMER THAN  
POLYAMIDE**



## Thermal Performance & U-Values.

Thermal transmittance, also known as a U-Value, measures the rate of transfer of heat. The better insulated a window or door is, the lower the U-Value will be.

### DOUBLE GLAZED

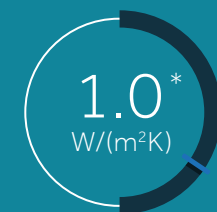
Endurance Aluminium's entire range complies with Part L regulations using standard 28mm double glazing.

### TRIPLE GLAZED

Available with 36mm triple glazing for the ultimate thermal performance. Triple glazing can also provide exceptional acoustic dampening to block out unwanted noise.



**U-VALUE**  
**Double  
glazed**



**U-VALUE**  
**Triple  
glazed**

\*For all Architectural range and Heritage Door products



## Made in Britain.

Crafted entirely in the UK, Endurance Aluminium products reflect British craftsmanship and a commitment to local sourcing. The aluminium used in our systems is sourced, extruded, powder-coated, and fabricated within Great Britain, ensuring superior quality at every stage while supporting local industries.

By working with other UK-based businesses, we contribute to the growth of the UK economy, supporting jobs and fostering innovation. Each Endurance Aluminium product strengthens the British economy and promotes sustainable, homegrown industry.

Working with UK-based suppliers also helps us minimise our environmental impact. Sourcing raw materials and component parts locally reduces the need for long-distance transportation, cutting down on carbon emissions and fuel consumption. This efficient, streamlined supply chain aligns with our commitment to sustainability, ensuring that every Endurance Aluminium product is manufactured in an environmentally conscious manner.

Endurance Aluminium offers homeowners products that combine durability, style and functionality, while supporting the UK economy and reducing environmental footprints. When you choose Endurance Aluminium, you're investing in a product that's truly British, crafted with care, and designed for modern living.



## Safe & Secure.

At Endurance Aluminium, we know that security is priceless, especially at home. That's why our windows and doors are built to offer the highest level of protection, keeping your loved ones safe and intruders out.

Our range of windows and doors is equipped with some of the most innovative locking and trusted security technologies available, including robust multipoint locking mechanisms as standard.

Endurance Aluminium customers can enjoy peace of mind knowing that every product in our range exceeds the security requirements set out in PAS24, which outlines the standards for securing windows and doors in homes to protect against forced entry.

## £2000 security guarantee.

We are so confident in the unparalleled security provided by Endurance Aluminium's Locking Cylinder that, in the unlikely event your home is broken into by compromising the cylinder, we will offer £2,000 in compensation.

See website for full details of £2,000 Security Guarantee.





## Our colour range.

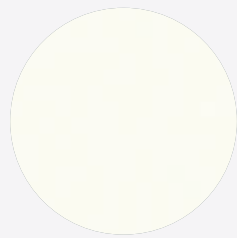
At Endurance, we offer a wide range of colours and finishes, making it easy to find the perfect match for your home. Whether you prefer a timeless classic look or something bold and contemporary, our selection is designed to suit every style.

Choose from twelve powder-coated colours, with the added option of selecting a different colour for the interior, allowing you to create a look that complements both the inside and outside of your property.

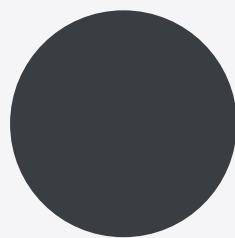
### TRADITIONAL COLOURS



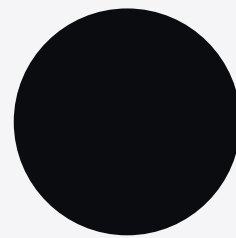
**Pure White**  
RAL 9010 Matt



**Hipca Gloss White**  
RAL 9910 Gloss



**Anthracite Grey**  
RAL 7016 Matt

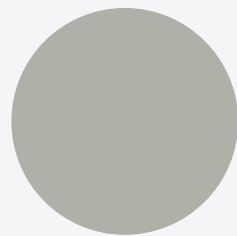


**Jet Black**  
RAL 9005 Matt

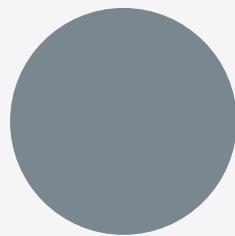
### PREMIUM COLOURS



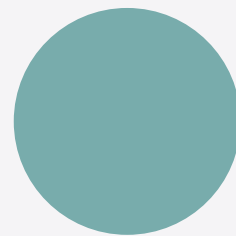
**Cream**  
RAL 9001 Matt



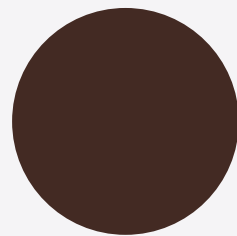
**Agate Grey**  
RAL 7038 Matt



**Squirrel Grey**  
RAL 7000 Matt



**Pastel Turquoise**  
RAL 6034 Matt



**Chocolate Brown**  
RAL 8017 Matt

### METALLIC EFFECT



**Silver Metallic**



**Mid Bronze Metallic**



**Black Metallic**

### RAL COLOUR MATCHING

## Bespoke colours.

Endurance Aluminium's product range is available in any RAL colour, offering endless possibilities to match your style and design preferences.



Please note that due to the nature of the manufacturing process and the differences in the methods used to represent these colours in print, we cannot guarantee an exact colour match with the colours shown. The colour references are also provided as a guide only.

## Dual colour.

With Endurance Aluminium's dual-colour option as standard, you have the freedom to choose different colours for the inside and outside at no extra cost. This flexibility means you can match the interior finish to your decor while ensuring the exterior complements your home's facade.

It's a practical solution for homeowners who want to achieve a cohesive and personalised design throughout their home.



All Endurance aluminium products feature a superior powder coating that meets the prestigious QUALICOAT 'Seaside Class' standard- the most robust specification available in the UK and Ireland. This high-quality finish incorporates an advanced pre-anodisation process, providing outstanding resistance to corrosion and wear, even in demanding environments like coastal areas.

Designed to stand the test of time, our powder-coated products offer exceptional durability and a long-lasting, flawless appearance.

## OUR RANGES

### Heritage range.

Discover the perfect blend of traditional styling and modern performance with our Heritage range of aluminium windows and doors. Featuring ultra-slim sightlines, this high-performance system maximises your views of the outside, allowing natural light to fill your home. While drawing on the

traditional aesthetic of steel windows and doors, the Heritage range offers dramatically improved thermal performance, ensuring your home stays warmer and more energy-efficient. It's the ideal solution for those seeking to combine the charm of classic design with the benefits of modern advancements.



### Architectural range.

For a contemporary touch, our Architectural range offers stylish, versatile aluminium solutions designed to elevate modern living spaces. As our most thermally efficient system, it outperforms all other aluminium window and door products in heat retention, ensuring optimal warmth and comfort in your home.

This range includes windows, single and french doors, bifolding doors, and sliding patio doors, offering a wide variety of options to suit your needs and space. Built to deliver both warmth and durability, the Architectural collection seamlessly balances aesthetics with functionality, providing a sleek, sophisticated finish that enhances your home's atmosphere.



## Four sash style options.

Our Heritage and Architectural ranges are available in four distinct profiles, offering you the freedom to design windows and doors that perfectly match your home's style. Whether your vision leans toward the timeless elegance of traditional designs or the clean lines of modern minimalism, these versatile profiles cater to every taste and architectural requirement.

Each profile has been thoughtfully crafted to provide unique sightlines and distinctive character, allowing you to create a seamless connection between your home's interior and exterior.

Choose the profile that best complements your home and enjoy the perfect blend of style and performance.

### CONTEMPORARY

Emphasises a streamlined, modern look with clean, simple lines.

### CONTEMPORARY FLUSH

A sleek, minimalist profile perfect for modern aesthetics

### STEPPED

Offers a distinctly traditional appearance while making sightlines appear slimmer for enhanced elegance.

### STEPPED FLUSH

Combines period styling with a subtle stepped design for a balanced, timeless feel.

## Design your dream windows & doors.



### CREATE

Explore our comprehensive range of products, colours and hardware to create your dream aluminium windows and doors.



### PERFECT

Create multiple different designs and experiment with contrasting styles and features.



### VISUALISE

Upload a photograph of your home and you'll be able to digitally impose your designs to get a real-world vision of your project.

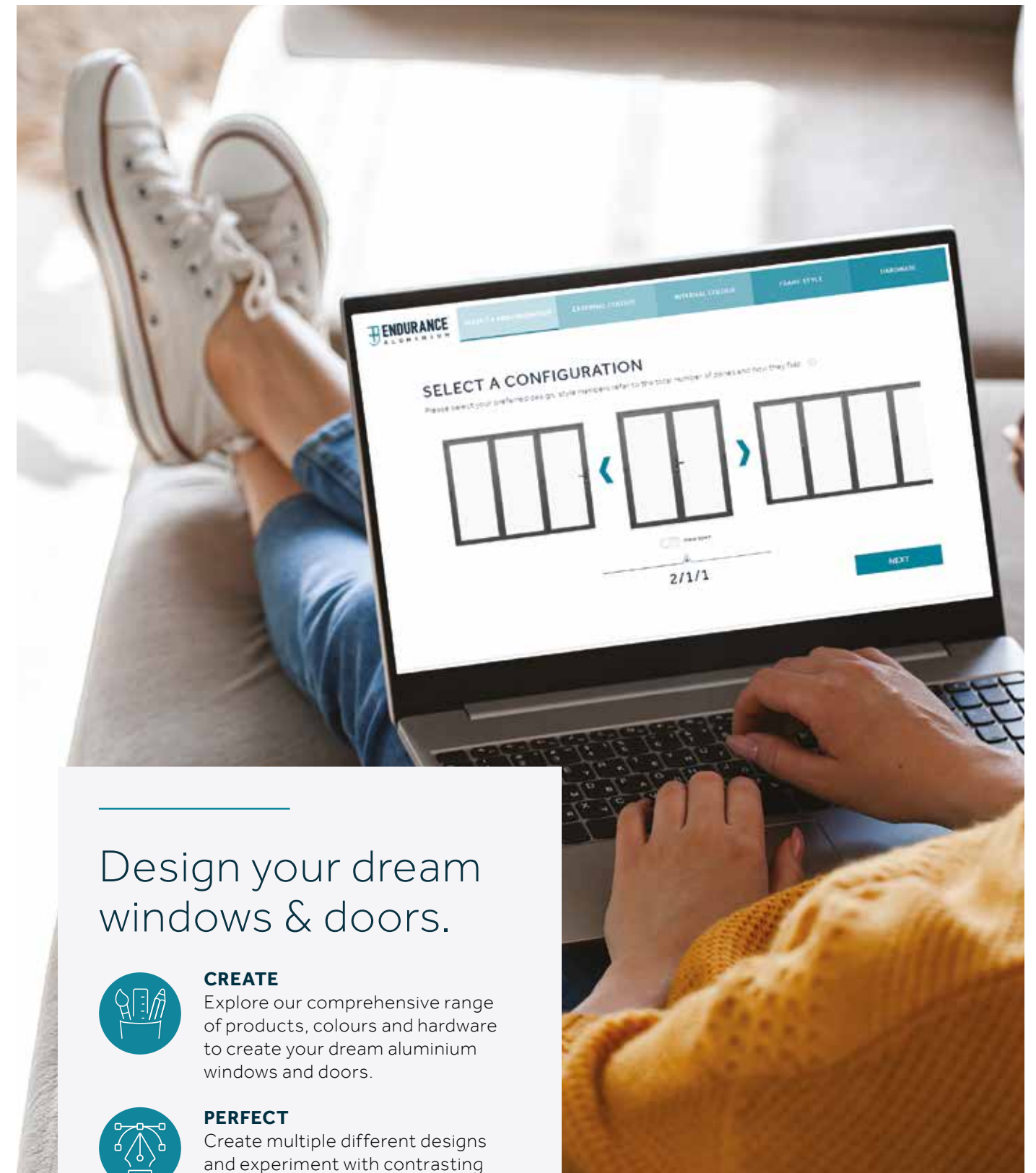


### START DESIGNING

Scan the below QR code to start designing your dream home.

DESIGN NOW

Scan here







## Our Heritage Range.



**PAGE 17**  
Heritage Windows



**PAGE 23**  
Heritage Doors



**PAGE 29**  
Internal Doors & Screens





## Heritage Windows.

Heritage windows boast the slimmest sightlines in our range, starting from just 36.5mm, allowing more natural light to fill your home while creating a seamless connection between indoor and outdoor spaces. These windows are particularly stunning with a stepped

sash, adding a touch of industrial charm to their timeless design. Perfect for both contemporary and traditional homes, Heritage windows combine elegance with functionality, offering an unbeatable blend of style, performance, and light-enhancing benefits.



### CASEMENT WINDOWS

Heritage Casement windows offer versatile opening options, as they can be hinged on the side, bottom, or top frame to suit your needs. With slim sightlines starting from just 60.5mm, they invite natural light into your home while maintaining a sleek and elegant appearance.

Available in a wide range of configurations, these windows provide flexibility in both functionality and aesthetics, making them ideal for any property. They also deliver excellent thermal efficiency, enhancing comfort and energy savings year-round.



### FRENCH WINDOWS

Heritage French windows offer the widest openings, allowing fresh air to flow freely, creating a seamless connection between your indoor and outdoor spaces. With their elegant design, they enhance the aesthetics of any home, adding a touch of timeless charm.

Particularly stunning when combined with our decorative transom options, these windows bring added character and a classic look to your home. Offering both functionality and style, Heritage French windows provide excellent thermal performance while elevating your living space.





**BAY WINDOWS**

Heritage Bay windows create a striking focal point in any room, adding depth and character to your home. Their elegant design extends outward, allowing natural light to fill the space and offering expansive views of the outside.

With a range of configurations available, these windows enhance both the interior and exterior of your home, bringing a timeless charm to any property. Offering excellent thermal performance, Heritage Bay windows combine style, comfort, and functionality to elevate your living space.



**FIXED WINDOWS**

Heritage Fixed windows offer the slimmest sightlines of the entire Endurance Aluminium collection, at just 30.5mm, creating a sleek, timeless look. While these windows don't open, they act as a picture frame, perfectly showcasing the outside space and creating a seamless connection between your home's interior and the outdoors.

Ideal for bringing more natural light into your living space, Heritage Fixed Windows combine elegant design with excellent thermal performance, enhancing both the aesthetic and functionality of your home.

**TRANSOM BAR OPTIONS**

Heritage windows can be fully customized with decorative transoms, allowing you to create a variety of looks. Whether you're aiming for a traditional or contemporary style, these elegant details enhance the overall design, adding character and visual appeal to your home.



\*Suitable for both stepped and contemporary frames.

Technical information.

**SIGHTLINES**

Casement, French & Bay Windows

OUTER FRAME	SMALL	INTERMEDIATE
SLIGHTLINES	60.5mm	73mm

Fixed Windows

OUTER FRAME	SMALL	INTERMEDIATE
SLIGHTLINES	36.5mm	49mm

**THERMAL PERFORMANCE**

GLAZING	CONTEMPORARY	STEPPED
Double Glazed	28mm	28mm
U Value	1.5	1.5
WER Rating	A	A
Triple Glazed	36mm	-
U Value	1.1	-
WER Rating	A+	-



**SECURITY**  
**PAS24**



**FULL TECHNICAL SPECIFICATION**

Scan this QR Code on your Smart Phone to view our complete Technical Specification document.



## Heritage Windows hardware options.

Our Heritage Window hardware range is thoughtfully curated to provide an authentic heritage look, combining classic design with quality craftsmanship to perfectly complement the timeless style of your windows.

### ART DECO HANDLES



Aged Brass



Aged Bronze



Matte Black

### OPERA HANDLES



Satin Brass



Stainless Steel



Matte Black

### KNURLED HANDLES



Aged Brass



Stainless Steel



Matte Black

### STANDARD HANDLES



Anthracite Grey



Black



Chrome



Gold



Satin Chrome



Stainless Steel



White



### RESTRICTED HINGES

Endurance Aluminium's range of Heritage Windows is designed with both style and practicality in mind. Available to order with

restricted hinges, the windows can be limited in how wide they open, providing added security and peace of mind for homeowners.

The restricted opening prevents easy access from the outside, making it more difficult for intruders to enter, while also reducing the risk of accidents, particularly in homes with young children or pets. This thoughtful feature combines enhanced safety with the classic charm of traditional window designs, ensuring your home remains safe and secure while preserving its heritage aesthetic.



### NIGHT VENT

Endurance Aluminium's Night Ventilation feature, available as an upgrade, offers an excellent solution for homeowners

seeking enhanced ventilation without compromising security.

This feature allows windows to be left slightly ajar, enabling a flow of fresh air while remaining securely locked from the inside. It ensures your home stays well-ventilated, reducing condensation and improving indoor air quality, all while preventing unwanted entry. With Night Vent, you can enjoy a safer, more comfortable living environment with a constant supply of fresh air, day or night.



## Heritage Doors.

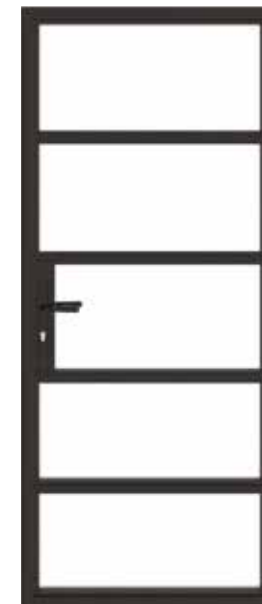
Our Heritage Door collection is designed to replicate the classic look of traditional steel doors, offering timeless elegance for your home. Enhanced with our innovative InsuLock technology, these doors provide superior insulation, keeping your home warmer for longer.

With a wide range of configurations available, they can be tailored to suit your home's unique style and layout, ensuring both functionality and aesthetic appeal. Heritage Doors offer the perfect balance of traditional charm and modern thermal performance, delivering character, comfort, and efficiency to any space.

## Endless design possibilities.

Heritage doors offer incredible versatility, with a wide range of configurations to suit any home. Choose from elegant single or French doors, complemented by options for sidelights or toplights. These features enhance natural light and create a unique entrance that blends seamlessly with your home's

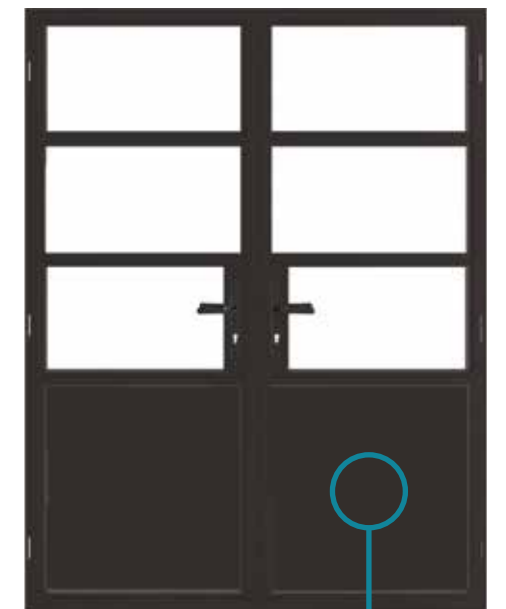
architecture. Whether you're aiming for a bold statement or timeless subtlety, Heritage doors provide the perfect combination of style and functionality, making them an ideal choice for both traditional and contemporary spaces.



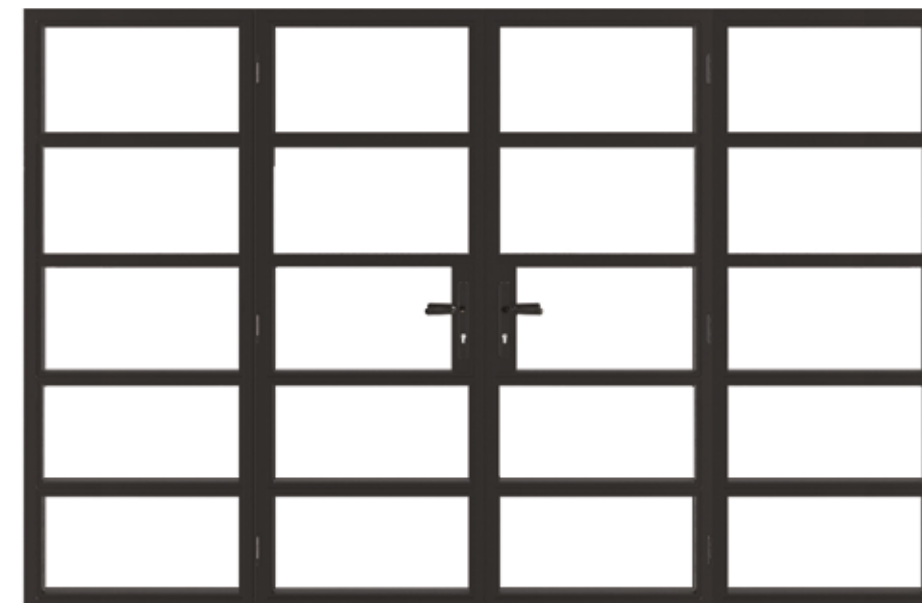
**SINGLE DOOR**



**SINGLE DOOR WITH TOPLIGHT**



**FRENCH DOORS**



**FRENCH DOORS WITH SIDELIGHTS**

### SOLID ALUMINIUM PANELS

Heritage doors can feature solid aluminium panels within their design, offering a versatile option to create a distinctive look while maintaining their timeless, elegant appeal.





A STYLISH SOLUTION FOR INTERNAL SPACE

Endurance Heritage Doors are expertly crafted to elevate your interiors. Heavy-engineered for exceptional thermal efficiency, they match perfectly with external Heritage designs for a cohesive aesthetic. The zero-threshold design

ensures seamless transitions and effortless accessibility. Experience the perfect blend of elegance and practicality, allowing natural light to flow freely while defining your living spaces.



Transform your back door with light and style.

Heritage Doors make the perfect choice for back doors, turning typically dark, utilitarian spaces like boot rooms and utility rooms into bright, welcoming areas. With their large glass panes and elegant design, these doors allow natural light to flood in, transforming often uninspiring spaces into functional, well-lit areas that feel open and airy.

TRANSOM BAR OPTIONS

The versatility of the Heritage Door product allows you to specify the number and layout of transoms, enabling you to create a unique look and feel for your home. Choose up to four transoms to make a bold style

statement, or opt for fewer transoms to achieve a seamless connection between indoor and outdoor spaces. This flexibility ensures your design can perfectly reflect your personal style, whether modern or traditional.



Black



Anthracite



White

Technical information.

SIGHTLINES

OUTER FRAME	SMALL	INTERMEDIATE
SIGHTLINES	60.5mm	73mm

SECURITY  
PAS24

THERMAL PERFORMANCE

GLAZING	STEPPED
Double Glazed	28mm
U Value	1.4
DSER Rating	A+

PART L Compliant

# Heritage Doors hardware options.

The Heritage Door hardware range is expertly crafted with a focus on solid build quality, offering a sense of durability and authenticity. Each piece combines timeless design with robust construction to complement and enhance the classic style of your doors.

## ART DECO LEVER HANDLES



Aged Brass    Aged Bronze    Matte Black

## ART DECO ROSE HANDLES



Aged Brass    Aged Bronze    Matte Black

## KNURLED LEVER HANDLES



Aged Brass    Stainless Steel    Matte Black

## KNURLED ROSE HANDLES



Aged Brass    Stainless Steel    Matte Black

## OPERA LEVER HANDLES



Satin Brass    Stainless Steel    Matte Black

## OPERA ROSE HANDLES



Satin Brass    Stainless Steel    Matte Black

## ASPECT LEVER HANDLES



Satin Brass    Stainless Steel    Matte Black

## ASPECT ROSE HANDLES



Stainless Steel    Matte Black

## Design your perfect Heritage Door.

Design your dream Heritage Doors with our online configurator tool. Customize styles, configurations, and finishes to perfectly suit your home, creating a timeless look that combines elegance with modern performance.



DESIGN NOW  
*Scan here*





## Heritage Internal Doors & Screens.

Elevate your home with our stunning range of heritage-style internal doors and screens, designed to create a perfect balance between functionality and timeless elegance. These doors are ideal for adding a subtle division between spaces, allowing natural light to flow freely while maintaining an open and spacious feel.

Not only do they define the transition between rooms, but they also serve as an effective acoustic barrier,

providing privacy and reducing noise transfer without compromising on style.

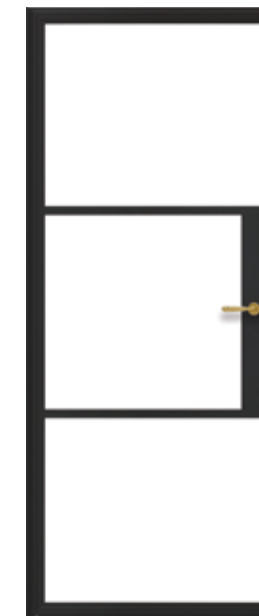
Crafted to bring a sense of grandeur and a classic period aesthetic to your home, our heritage-style doors and screens blend seamlessly with both traditional and contemporary interiors, offering a timeless charm that enhances any space.

## Endless design possibilities.

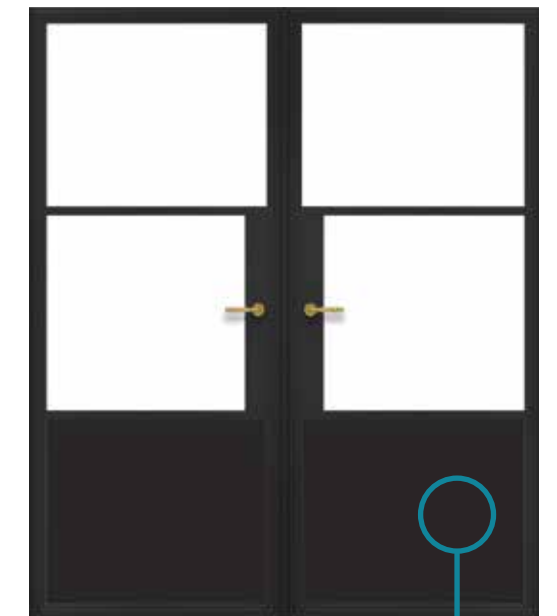
Endurance's range of internal screens and doors offers incredible versatility, available in a wide variety of configurations to suit your needs. Whether you're fitting an existing aperture or creating a statement feature as part of an extension or renovation, these screens and doors are designed to enhance your home's aesthetic and functionality. With customisable options, you can seamlessly blend spaces, maximise natural light, and create a unique focal point that perfectly complements your home's style.



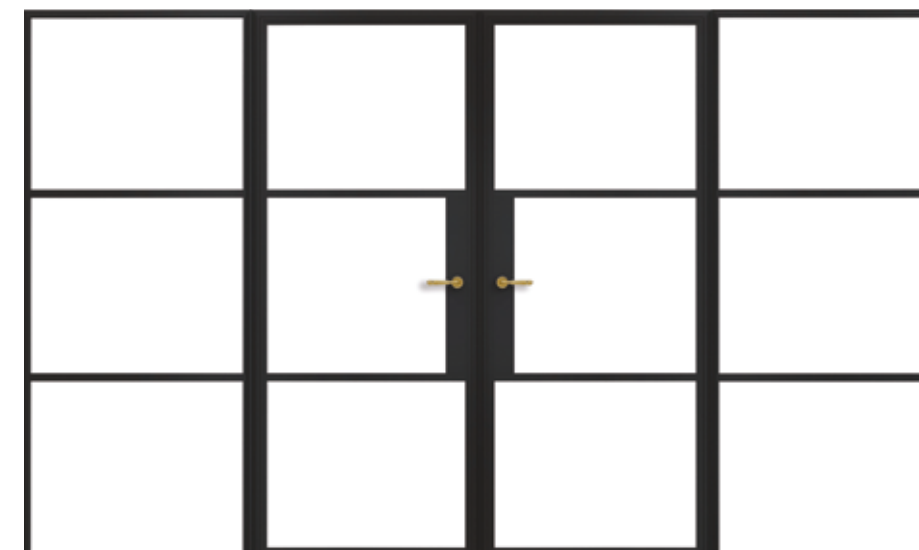
**FIXED SCREEN**



**SINGLE DOOR**



**FRENCH DOOR**



**FRENCH DOOR WITH SIDE LIGHTS**

### SOLID ALUMINIUM PANELS

Heritage doors can feature solid aluminium panels within their design, offering a versatile option to create a distinctive look while maintaining their timeless, elegant appeal.



## Internal Screens & Doors hardware options.

Heritage internal doors can be customised to suit your needs, with the option to order them with or without locks. Doors ordered without locks come fitted with a handle only, providing a simple and

elegant finish. For doors with locks, both the handle and the matching escutcheons shown below are included, ensuring a cohesive and secure design.

### ART DECO ROSE HANDLES



Aged Brass



Aged Bronze



Matte Black

### KNURLED ROSE HANDLES



Aged Brass



Stainless Steel



Matte Black

### OPERA ROSE HANDLES



Aged Brass



Stainless Steel



Matte Black

### OVAL ROSE HANDLES



Stainless Steel

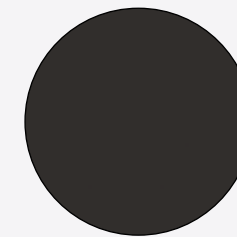


Matte Black

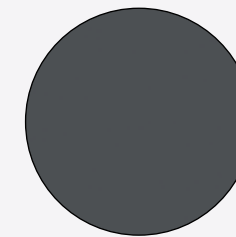
## Internal Screens & Doors colours.

Heritage internal doors and screens are most commonly ordered in black, with the dark tones creating a bold, striking feature that enhances any interior design.

For those seeking a different aesthetic, the product is also available in white and anthracite grey, offering versatile options to suit your personal taste and interior décor.



Matte Black



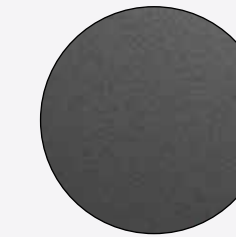
Anthracite Grey



White Gloss



Textured  
Black



Textured  
Anthracite Grey







## Our Architectural Range.



**PAGE 35**  
Architectural Windows



**PAGE 41**  
Architectural Single & French Doors



**PAGE 45**  
Architectural Bifolds



**PAGE 51**  
Architectural Sliding Doors





## Architectural Windows.

Our range of Architectural windows combines cutting-edge design with market-leading thermal performance, ensuring your home stays comfortable and energy-efficient all year round. These windows are expertly crafted to meet the highest standards of durability and functionality while offering sleek, contemporary aesthetics. For added convenience,

they can be ordered with concealed ventilation, maintaining their minimalist and seamless appearance. Perfect for modern homes or projects requiring bold, innovative design, Architectural windows deliver the ultimate balance of style, efficiency, and practicality.



### CASEMENT WINDOWS

Architectural Casement Windows offer unmatched flexibility, available in a wide variety of configurations to suit any home. Hinged from the side or top and opening outwards, they combine functionality with design versatility. Their adaptability allows you to match existing aesthetics or create a bold new look, making them the most flexible window style available. Whether you're enhancing a classic style or designing something modern and unique, these windows deliver both beauty and practicality for any space.



### FIXED WINDOWS

Architectural fixed windows offer a sleek, non-opening design that creates a seamless connection between indoor and outdoor spaces. With sightlines as slim as 46mm, they maximise natural light while framing stunning views or showcasing your garden. Perfect for enhancing modern interiors, these windows create bright, inspiring spaces that feel larger and more impressive. Their minimalist aesthetic make them an ideal choice for homeowners seeking elegance, allowing you to enjoy the outdoors from the comfort of your home.





**FRENCH WINDOWS**

Architectural French windows are hinged at the side and open outwards, providing the widest openings of any window type. With nearly the entire window aperture able to open, they offer exceptional ventilation, allowing fresh air to flow freely into your home.

Perfectly versatile, they can be designed with a sleek, minimal aesthetic or enhanced with decorative transoms for a more traditional look. Combining functionality and style, French windows are an ideal choice for homeowners seeking maximum openness and customizable design.



**BAY WINDOWS**

Architectural bay windows are a striking architectural feature, adding depth and elegance to any space. With their sleek, minimalist design, these windows extend outward, creating a sense of openness and maximising natural light.

The clean lines and refined aesthetic enhance both modern and traditional interiors, making them a bold focal point in any room. Their large glazed areas not only provide expansive views but also elevate the overall design of your home, offering a sophisticated blend of style and functionality.



**GABLE WINDOWS**

Architectural Gable Windows are designed to create a stunning architectural feature that enhances both the interior and exterior of your home. With their striking, angular shape, these windows make a bold statement, adding character and elegance to any space.

Available in completely customisable designs, Architectural Gable Windows allow Endurance Aluminium to bring your unique vision to life, tailored to your exact specifications.

Technical information.

**SIGHTLINES**  
Casement, French, Bay & Gable Windows

OUTER FRAME	SMALL	INTERMEDIATE	LARGE
SIGHTLINES	88mm	102mm	112mm

Fixed Windows

OUTER FRAME	SMALL	INTERMEDIATE	LARGE
SIGHTLINES	46mm	60mm	70mm

**THERMAL PERFORMANCE**

GLAZING	CONTEMPORARY	STEPPED
Double Glazed	28mm	28mm
U Value	1.4	1.4
WER Rating	B	B
Triple Glazed	44mm	36mm
U Value	1.0	1.1
WER Rating	A+	A+



**SECURITY**  
**PAS24**



**FULL TECHNICAL SPECIFICATION**  
Scan this QR Code on your Smart Phone to view our complete Technical Specification document.



# Architectural Windows hardware options.

The Architectural Window hardware range is thoughtfully designed to deliver a sleek, modern aesthetic, combining minimalist style with quality craftsmanship to perfectly complement the clean, contemporary lines of your windows.

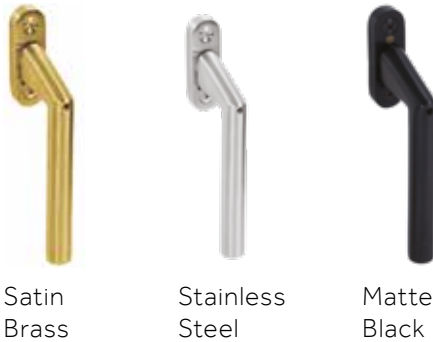
## STANDARD HANDLES



## ARCHITECTURAL HANDLES



## ASPECT HANDLES



## KNURLED HANDLES



**RESTRICTED HINGES**  
Endurance Aluminium's range of Architectural Windows is designed with both style and practicality in mind. Available to order with restricted hinges, the windows can be limited in how wide they open, providing added security and peace of mind for homeowners.

The restricted opening prevents easy access from the outside, making it more difficult for intruders to enter, while also reducing the risk of accidents, particularly in homes with young children or pets. This thoughtful feature combines enhanced safety with the classic charm of traditional window designs, ensuring your home remains safe and secure while preserving its heritage aesthetic.



**NIGHT VENT**  
Endurance Aluminium's Night Ventilation feature, available as an upgrade, offers an excellent solution for homeowners seeking enhanced ventilation without compromising security.

This feature allows windows to be left slightly ajar, enabling a flow of fresh air while remaining securely locked from the inside. It ensures your home stays well-ventilated, reducing condensation and improving indoor air quality, all while preventing unwanted entry. With Night Vent, you can enjoy a safer, more comfortable living environment with a constant supply of fresh air, day or night.

# Design your Architectural Window.

Design your dream Architectural Windows with our online configurator tool. Customise styles, configurations, and finishes to perfectly suit your home, achieving sleek, modern, and contemporary aesthetics that enhance your living space.



DESIGN NOW  
*Scan here*





## Architectural Doors.

Endurance Aluminium's Architectural single and French doors are designed with slim sightlines and large glazed areas, allowing natural light to fill your interior. These doors provide picture-frame-like views of the outdoors, seamlessly connecting your home to its surroundings. With their sleek, modern design,

they enhance your living space while offering excellent thermal performance. Perfect for creating a bright and airy atmosphere, these doors bring both elegance and practicality to your home, making them an ideal choice for any contemporary setting.



### SINGLE DOORS

Endurance Aluminium's Architectural Single Door features full glazing with slim sightlines, allowing natural light to fill your interiors and create bright, airy spaces. Designed for ease of use, it includes a lever handle that lifts to engage the multipoint locking system, ensuring excellent security. The door's locking cylinder can be operated with either a key or a thumb turn for added convenience. With its sleek design and enhanced security, it's the ideal choice for a secure and stylish back door.



### FRENCH DOORS

Endurance Aluminium's Architectural French Doors offer effortless operation, making it as simple as pushing down the lever handle to step outside. When fully open, they create a wide aperture, allowing fresh air to fill your home and providing a seamless transition between indoor and outdoor spaces.

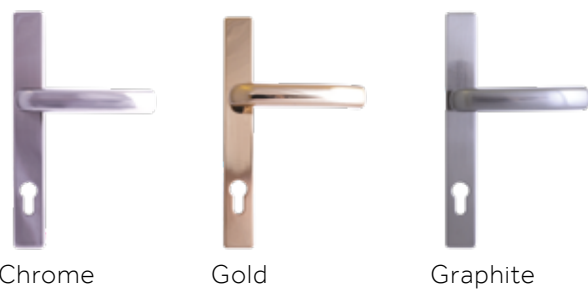
Alternatively, you can open just one door, leaving the second door leaf locked in place, making it easy to move between indoor and outdoor spaces with minimal effort while still securely closing the door behind you. Combining convenience and elegance, these doors are perfect for enhancing your living space.



Architectural  
Doors hardware.

Our Architectural Door Hardware range features sleek, contemporary designs, carefully curated to complement modern architectural aesthetics, enhancing both functionality and style for a cohesive, sophisticated finish.

ARCHITECTURAL HANDLES



STANDARD HANDLES



ASPECT LEVER HANDLES



KNURLED LEVER HANDLES



KNURLED ROSE HANDLES



ASPECT ROSE HANDLES



Technical  
information.

SIGHTLINES

SMALL	113mm
INTERMEDIATE	127mm
LARGE	137mm

SECURITY  
PAS24

THERMAL PERFORMANCE

GLAZING	CONTEMPORARY	STEPPED
Double Glazed	28mm	28mm
U Value	1.4	1.4
DSER Rating	B	B

GLAZING	CONTEMPORARY	STEPPED
Tripe Glazed	44mm	36mm
U Value	1.0	1.1
DSER Rating	A+	A+

PART L Compliant



## Architectural Bifolds.

Endurance Aluminium's architectural bifolds offer a sophisticated solution for creating a seamless connection between your home and garden. With slim, elegant aluminium frames, these doors maximise natural light, ensuring your interiors remain bright and airy, even when closed. Bifolds are ideal for creating

larger openings than any other style of door, allowing for effortless flow between indoor and outdoor spaces. Featuring a 5-point locking system, our bifolds provide enhanced security, ensuring peace of mind while maintaining a stylish, functional design.

## Bifold door configurations.

Endurance Aluminium's bifold doors offer versatile configurations, with up to 7 sashes to create large openings. The doors can fold all in the same direction or split for flexible use. Whether folding inwards or outwards, these doors provide maximum convenience and style. You can also

include a single door within the configuration, allowing for easy access without the need to open the entire door. Perfect for creating seamless transitions between your home and outdoor spaces, our bifolds combine functionality and elegance.



Two sash 2/0



Three sash 3/0



Three sash 2/1



Four sash 4/0



Four sash 3/1



Four sash 2/2



Five sash - 5/0





Five Sash 4/1



Five Sash 3/2



Six Sash 6/0



Six Sash 5/1



Six Sash - 3/3



Six sash - 4/2



Seven Sash - 6/1



Seven Sash - 7/0

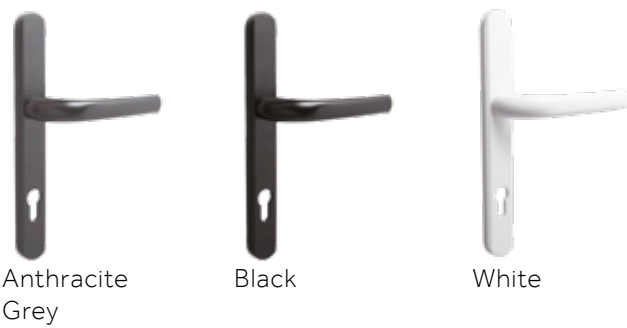


Seven Sash - 4/3

# Architectural Bifold hardware options.

Our bifold door hardware range offers versatile options, including opening from both inside and outside or inside only, with the choice to feature a locking cylinder for added security.

## STANDARD LEVER HANDLES



## ARCHITECTURAL LEVER HANDLES



## ASPECT LEVER HANDLES



## STANDARD ESPAGNOLETTE HANDLES



## ASPECT ESPAGNOLETTE HANDLE



# Channel Heritage Style

Our architectural bifold doors can be customised with decorative transoms, offering a timeless industrial aesthetic. These transoms enhance the design by creating a classic grid-like pattern, adding character and charm. Customers can enjoy a fully open aperture for seamless indoor-outdoor living, while the transoms provide a distinctive feature that combines functionality with striking visual appeal.

# Technical information.

## SASHES

MAX. SASH QUANTITY	MAX. SASH WIDTH	MAX. SASH HEIGHT
7	1200mm	2600mm

## SIGHTLINES

OUTERFRAME / SASH	SASH / SASH
110mm	138mm

## SECURITY PAS24

## THERMAL PERFORMANCE

GLAZING	CONTEMPORARY	STEPPED
Double Glazed	28mm	28mm
U Value	1.4	1.4
DSER Rating	B	B

GLAZING	CONTEMPORARY	STEPPED
Tripe Glazed	44mm	36mm
U Value	1.0	1.1
DSER Rating	A+	A+







## Sliding Patio Doors.

Endurance Aluminium's sliding patio doors combine sleek design with exceptional functionality. Their wider sash widths provide expansive, uninterrupted glazed areas, surpassing bifold doors for a more open, airy feel. With ultra-slim 34mm interlocks, they offer elegant sightlines, framing outdoor views like a picture-perfect scene.

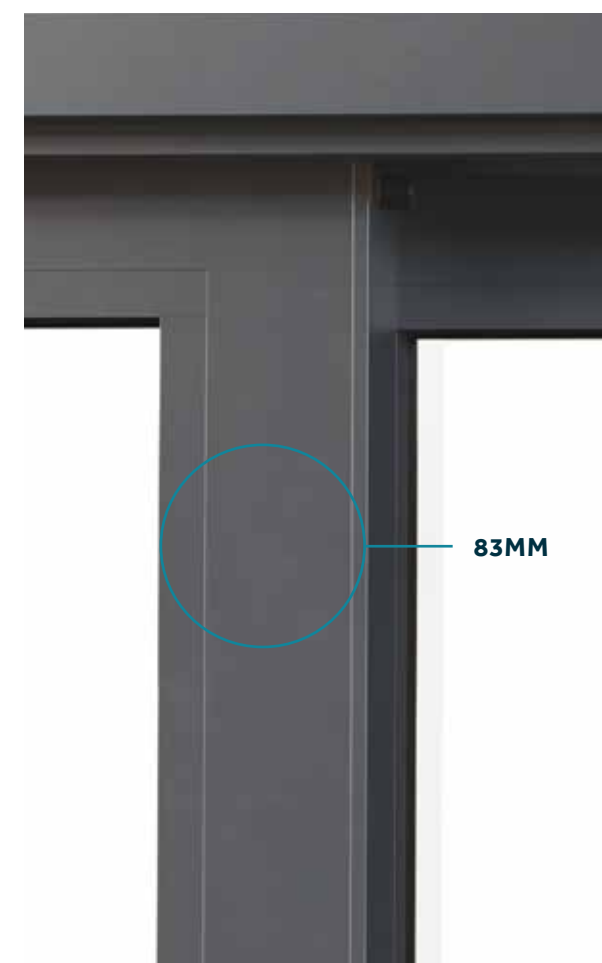
Effortlessly smooth to operate, these doors open with minimal effort, blending modern aesthetics with practicality. Ideal for enhancing natural light and maximising space, they are the ultimate choice for contemporary living.

## Sleek design with ultra-slim sightlines.

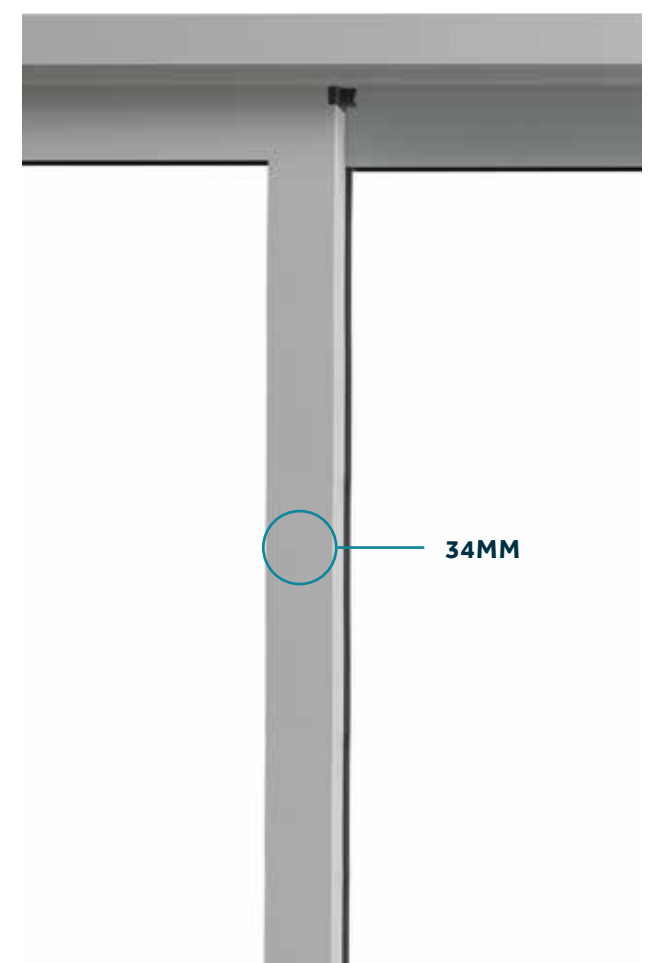
Endurance Aluminium's sliding patio doors boast some of the slimmest sightlines on the market. With a standard interlock of 83mm and an ultra-slim 34mm option, they deliver an unparalleled minimalist aesthetic.

These sleek designs maximize natural light and create a high-end, contemporary feel, blending seamlessly with modern interiors. Perfect for those seeking elegance and sophistication, our sliding doors redefine style while providing exceptional functionality and uninterrupted views.

**STANDARD INTERLOCK**



**SLIMLINE INTERLOCK**





# Sliding Patio Door hardware options.

Our sliding door hardware range offers versatile functionality, with options to open from both inside and outside or just inside. For added peace of mind, a locking cylinder can be included for enhanced security.

## STANDARD HANDLES



Antique Black



Black



Gold



Polished Chrome



Satin Chrome



Smokey Chrome



Stainless Steel

Our standard handle option can feature a blanking plate on the external side, preventing the door from being opened from the outside for added security.

# Bifolds VS Sliding Doors

Choosing between bifold and sliding patio doors can be tricky. To help you decide, we've outlined the key differences, so you can find the perfect fit for your home.



## SEAMLESS INDOOR-OUTDOOR CONNECTION

Bifold doors are known for their ability to fold completely back, creating an open-wall effect that seamlessly connects your indoor and outdoor spaces. This feature adds a striking wow factor and makes bifolds ideal for entertaining or enjoying uninterrupted access to your garden. Sliding doors,

on the other hand, glide along tracks, with panels stacking behind each other. While this design limits the opening to the width of one or more panes, sliding doors often feature larger uninterrupted glass panels, offering a sleek, modern appearance and expansive views even when closed.

**WINNER:** Bifold Doors

# Technical information.

## SIGHTLINES

OUTER FRAME		
SIGHTLINES	83mm	
INTERLOCK	SLIMLINE	STANDARD
SIGHTLINES	34mm	83mm

SECURITY  
**PAS24**

## THERMAL PERFORMANCE

GLAZING	PERFORMANCE
Double Glazed	38mm
U Value	1.6

**PART L** Compliant ✓



## FRAMING YOUR VIEW

Sliding doors excel when it comes to minimizing visual obstructions. With fewer vertical frames and larger glass panels, they fill your home with natural light and provide uninterrupted views of your outdoor space.

Although bifold doors can open fully for a larger clear span, when closed, their additional vertical frames may slightly obstruct your view. For those prioritising year-round vistas and maximizing light, sliding doors are the better choice.

**WINNER:** Sliding Patio Doors



## Bifolds VS Sliding Doors Continued.

### EASE OF USE

Both door styles are designed for smooth operation, thanks to high-quality hardware and strong yet lightweight aluminium construction. Sliding doors operate effortlessly as their panels glide along tracks, making them especially convenient for daily use.

Bifold doors, while requiring panels to fold and stack, often include a single access door for quick entry and exit without opening the entire system. This flexibility makes bifolds practical while retaining their aesthetic appeal.

**WINNER:** Draw



### THERMAL PERFORMANCE

Our bifold and sliding doors offer excellent thermal efficiency, aided by the advanced InsuLock technology within our frames, which retain heat and enhance insulation.

While sliding doors have smaller frame profiles that may offer a slight thermal advantage, this

difference is minimal in high-quality designs. Both options ensure superior energy efficiency for your home.

**WINNER:** Draw

### SUMMARY

Both bifold and sliding doors enhance your home with natural light, stunning views, and excellent thermal performance. Your choice ultimately depends on your priorities: Bifold doors offer

the ability to fully open your space for seamless indoor-outdoor living, while sliding doors provide slim sightlines and uninterrupted views when closed.

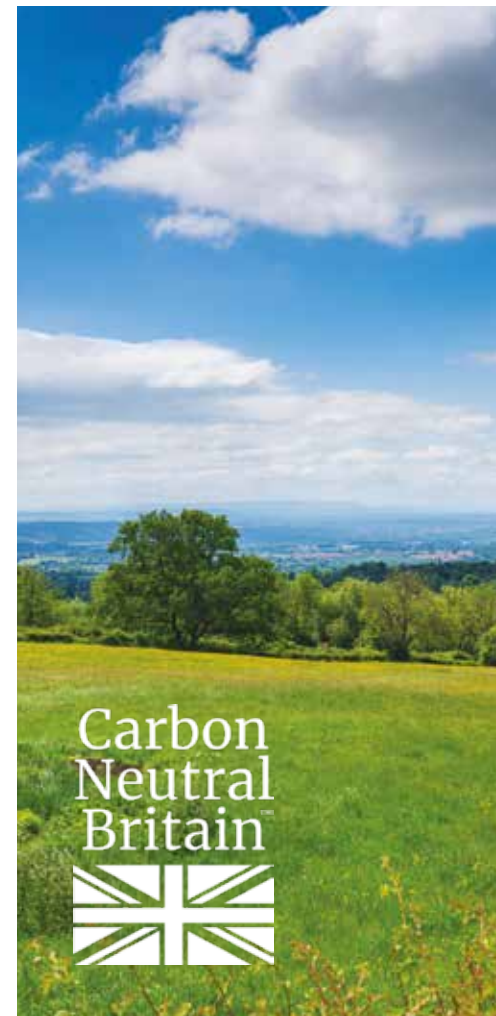
## Our standards.

At Endurance Aluminium, our unwavering commitment to quality ensures our products are built to last. Our journey begins with stringent quality control processes that oversee every stage of production, from mining to fabrication. By maintaining this meticulous attention to detail, we guarantee that each product meets the highest standards of durability and performance.

Proudly mined, extruded, and fabricated in the UK, our aluminium products reflect our dedication to supporting local industries and delivering excellence through a fully controlled supply chain. This ensures that our windows, doors, and other products are crafted with precision and care, embodying the best of British manufacturing.

Our powder coating process is Qualicoat compliant, offering a durable, long-lasting finish that not only enhances aesthetics but also protects against the elements. Additionally, our aluminium windows and doors comply with both PAS24 and Doc-L regulations, demonstrating their superior security and thermal performance.

Endurance Aluminium combines innovative design with exceptional craftsmanship to provide solutions that not only meet today's needs but are built to endure for generations.



## Our green promise.

Sustainability drives everything we do at Endurance. We responsibly source timber from Finnish forests, plant four trees for every one harvested, and power our factory with solar energy. Our comprehensive recycling program and waste management initiatives minimise environmental impact, while fuel-efficient delivery practices ensure greener nationwide operations. We're committed to protecting the planet for future generations.

### A CARBON BALANCED BUSINESS

We are a member of Carbon Neutral Britain, an agreement that allows us to assess our climate impact and develop strategies to offset our unavoidable emissions. This can be achieved through the protection and restoration of carbon-rich habitats, something we currently address with the sourcing of our timber core.

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