

MODEAL



FINEST ALUMINIUM

WINDOWS & DOORS

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Modeal Slider
White

01

About us

The finest quality windows and doors, designed and manufactured in Great Britain.



We are specialists in the design and manufacture of premium aluminium windows and doors – trusted by architects, contractors and discerning homeowners throughout England since 1986.

Proudly made in Great Britain, our products are the result of expert craftsmanship, precision engineering and a commitment to quality.

Each window and door are carefully crafted by our skilled technicians in dedicated state-of-the-art factories in Hertfordshire and Bedfordshire. We use premium aluminium profiles and high quality components to manufacture stylish products with long-term performance and reliability.

Whether you are opening up your home to light and the landscape or simply wish to create a comfortable and secure haven, Modeal products bring together clean, contemporary lines with the durability and performance expected of British-made aluminium windows and doors.

Explore our range – from sliding doors to slimline windows and doors to elevate your living space.

All Modeal products are **PAS 24** security compliant as standard (optional for Heritage Steel). **PAS24:2022** is a British standard that ensures windows and doors meet specific requirements to resist common break-in methods and have been independently tested by a certified accreditation organisation for strength, locking security and resistance to forced entry.



02

Why choose aluminium windows and doors?

If you're considering aluminium windows and doors for your home, then you're not alone. More and more people are choosing contemporary aluminium products for the perfect finishing touch.

Why? Because of the numerous benefits associated with aluminium.

WHY ALUMINIUM?

The choice of the discerning homeowner, aluminium windows and doors are a great long-term investment.

They enhance your property and will add to the value of your home. Strong, secure and durable yet lightweight, their sleek lines and beautiful colours add instant kerb appeal, while modern thermal break technology offers superior thermal performance..

Aluminium windows are favoured for their slim sightlines. This term is used to describe the narrow frames which give an elegant and contemporary appearance while maximising the amount of natural light coming in and letting you enjoy more of the view outside.

Unlike timber and uPVC, aluminium has the edge when it comes to modern house design, while adding interest to traditional properties.

A quick guide to the benefits of aluminium

- ✓ low maintenance
- ✓ excellent thermal efficiency
- ✓ superior longevity
- ✓ resistant to rotting, twisting or warping
- ✓ 100% recyclable
- ✓ extensive colour range with dual colour options
- ✓ slim sightlines
- ✓ ideal for contemporary and traditional homes

Modelal Slider + Casement
7016M - Anthracite Grey

FINEST ALUMINIUM

Entrance doors

Enjoy stylish luxury, unbeatable strength and security with our high-quality, high-performance entrance doors. Designed to keep your home warm and safe, giving you greater peace of mind.

Signature Door
Woodchester Zinc
CTN006
Yellow

Come home to
one of the finest
doors on the market

Your front door is the first thing you see when you come home and you want it to make the right impression, reflecting your own style and personality.

Our range of traditional and contemporary doors has a style to suit every home. And there's a wide range of hardware, glazing and lustrous colours for you to choose from, to complement the appearance of your door. For the perfect finishing touch, we offer fixed side or top light glazing to make sure your door is perfect for you.

Built using modern materials and construction techniques, as well as delivering great style, they provide outstanding security and safety. In addition, they feature class-leading acoustic, weather protection and thermal performance.

Make them your own

Match your home or personal style with a huge choice of configurations.

Colour

Choose from 150+ RAL colours. You can even pick different colours for inside and out. Discover more colours on pages 46 to 49.

Hardware

Select from our extensive selection of handles and hinges. There are styles and finishes to perfectly complement and personalise your front door.



QR code for door builder

Explore the Designer door range with our online door designer. Choose your door style, colour, security option, hardware and glass. Then view your door in 3D, from every angle.

Designer Door
Sherbourne
DM0021
7016M - Anthracite Grey

DESIGNERDOORS

Choose unmatched performance and everyday luxury with our range of Designer doors.

These premium quality aluminium doors offer exceptional style, security and performance. Constructed from high-quality aluminium, each door is engineered to last.

From traditional Georgian, Victorian and Edwardian designs to ultra-modern chic, each one can be tailored to suit you and your home with our exclusive palette of colours. Opt for dual colours for a bold statement. Custom glazing and a wide range of designer handles, knockers and hardware complete the look.

High security comes as standard, with a 10-point locking system, tamper-protection, anti-bumping, a laser-cut key profile system and hidden hinge protectors. For your ultimate peace of mind, each Designer door has been tested to PAS 24:2022 Enhance Security Performance standards.

Designer doors are thermally efficient too. They feature triple glazed, PAS 24 security laminated glass units and a polyamide thermal barrier to enhance thermal performance – keeping your home warm and energy bills down.



QR code for door builder

Explore the Designer door range with our online door designer. Choose your door style, colour, security option, hardware and glass. Then view your door in 3D, from every angle.



With our Designer doors, there is no need to compromise

Designer Door
Eastleigh
DM0007
Naturals Dark Red

Designer door collection

Our extensive Designer door collection features an impressive selection of designs. Whether your taste is cutting edge chic or you prefer the timeless elegance of more traditional styles, we have the perfect door for you.

Whichever door you choose, it will be manufactured in the UK using modern materials and construction techniques to deliver the outstanding quality, style, safety and security you deserve.

And finished with your choice of hinges, handles and door furniture, your new door will add beauty and elegance to your home.



Sherbourne
DM0021



Oxford
DM0031



Hambleton
DM0009



Bloomsbury
DM0003



Purton
DT0011



Rushcliffe
DM0019



Amersham
DM0001



Clifton
DM0006



Regency
DT0005



Eastleigh
DM0007



Victorian
DT0006



Teddington
DM0024

SignatureDOORS

Our Signature doors are designed for modern living, combining style with outstanding performance. From bold contemporary lines to timeless classic styles, each Signature door is crafted to elevate your home.

Tailored to you

Your door should be as unique as you are. That's why we offer an extensive palette of colours and finishes – perfectly matched across the door and frame; custom glazing options to maximise light and privacy; and elegant designer hardware for a flawless finish.

Security you can trust

Behind every door lies exceptional performance. Multi-point locking systems and robust aluminium construction deliver peace of mind, while tests show our doors exceed all industry standards.

Long-lasting performance

Our British made aluminium composite entrance door won't bow or fade. It's virtually maintenance free, requiring only a simple wipe down to stay looking as good as the day it was installed.

Ultimate comfort, season after season

Our Signature doors combine durability with energy efficiency and weather protection. Advanced thermal performance will help keep your home warm and your energy bills down.



QR code for door builder

Explore the Signature range with our online door designer. Choose your door style, colour, security option, hardware and glass. Then view your door in 3D, from every angle.



From bold
contemporary
lines to timeless
classic styles

Signature Door
Carnaby
SEN017 - Silver Grey

Signature door collection

The Signature Door collection combines elegance and style with outstanding performance and durability, with designs to enhance every style of home.

From ultra-modern to timeless traditional, there's a Signature Door design that will be perfect for your home. And you can tailor your door to suit your individual design and performance requirements, from our extensive range of colour, hardware and glazing options.



Carnaby
DM3001



Lansdown
DM3002



Portobello
DM3004



Millbrook
DM3003



Abbey Solid
DT3004



Abbey Square
DT3005



Abbey Diamond
DT3006



Abbey Rectangle
DT3007



Broadfield
DT3002



Harley
DT3003



Woodchester
DT3001



04

FINEST ALUMINIUM

Casement windows

Our slimline aluminium casement windows draw in more natural light, ooze minimalist style and let you admire more of the view outdoors.

Model Casement
KL001 - Naturals Cream

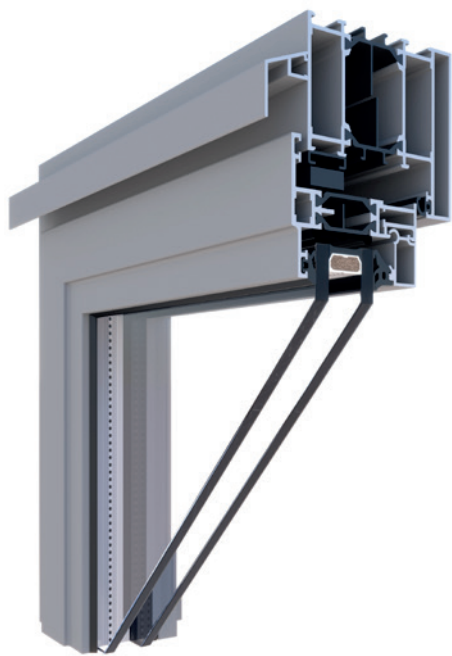
Casement window

Our casement window is available in both a Flush and Contemporary frame option, with a choice of complementary flush or heritage sash.

One of the many benefits of aluminium windows are the slim sightlines. These maximise the glass area and therefore natural light and provide unobstructed views through the window. Aluminium is naturally strong and robust, so openers can be larger than for windows made from other materials, giving much greater design flexibility.

To ensure your home stays warm and cosy in the colder months, our windows offer exceptional thermal performance, achieving the required thermal performance or an 'A' Energy Rating as standard. With triple glazing, they can even achieve a U-Value as low as 0.93 W/m2K.

Our unique and innovative concealed trickle vents provide necessary ventilation for a healthier home and unlike other solutions will complement the window aesthetics because you'll hardly notice they are there.



Model Casement



Sleek, strong and
stylish – aluminium
windows built to last

Model Casement
7016M

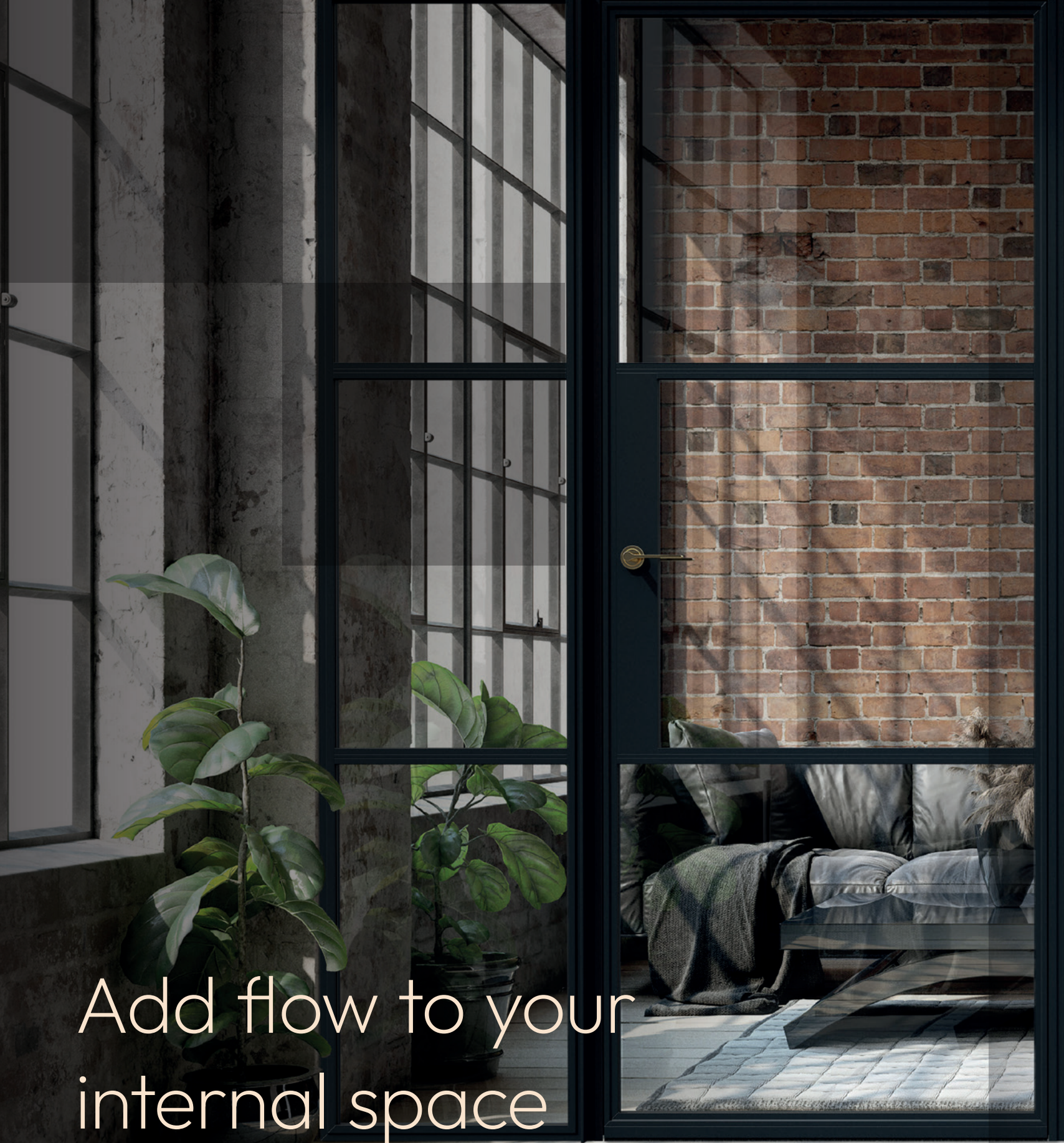
05

FINEST ALUMINIUM

Heritage steel

Achieve iconic statement glazing with our supremely stylish steel-look external aluminium windows and doors, and complementary internal doors and fixed screen systems. A bespoke and classic way to transform and divide your space.

Heritage Internal Screen
9005M - Matt Black



Add flow to your
internal space

Heritage Aluspace Door
9005TX - Textured Black

Internal doors

Our internal doors, with a choice of single or double doors, are the perfect solution for creating unique spaces, without compromising on natural light. And installing them with matching fixed screens is perfect for dividing and delineating the rooms in your home.

Our internal room dividers will work in almost any location, complementing traditional and contemporary interior design style. They can be tailored to your individual configuration and design requirements.

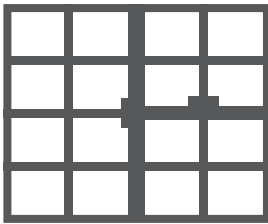


Windows

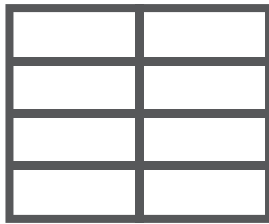
Get the elegant, industrial look with our steel look casement windows.

Perfect for modern builds and heritage properties alike, they balance efficiency with aesthetic appeal.

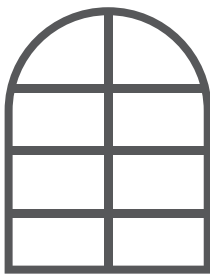
The slim aluminium frame offers superior thermal performance for added insulation and energy savings, while letting natural light pour into your space. You can boost the security level with our PAS 24 upgrade. Combine with our steel-look external doors and internal systems for consistent and striking design throughout your home.



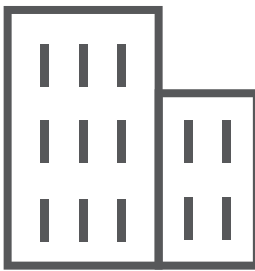
External Steel Windows



Internal Windows



Bespoke Windows



Commercial Steel Windows



Create architectural
harmony & kerb appeal

Heritage Casement Window
9005M - Matt Black

Exterior doors

Our exterior doors are designed to replicate the sought-after industrial look of classic steel doors while offering modern benefits.

Superior thermal performance surpasses that of traditional steel whilst providing robust security. Upgraded further with PAS 24 options.

Our exterior doors are finished with a highly durable powder coating which protects against weathering and is resistance to the knocks of everyday life. This finish will ensure your exterior door looks fresh, for longer. With their slim sightlines and sleek, stylish frames, these doors bring sophistication to any space.



Alitherm Heritage

Elevate your home's
style – inside and out

Designer Door
Alitherm Heritage
9005M - Matt Black

06

FINEST ALUMINIUM

Bifolds

Effortless to use. Built to last. Designed to impress.
It's more than a door. It's a whole new way of living.

Modelal Bifold
CDW013
Chedworth Green

Bringing the outside in, like never before

No matter what kind of home you have – modern, traditional, or something in between – our bifold doors are designed to fit perfectly and help you enjoy your home in a whole new way. Working in harmony with our windows and doors, our aluminium bifold doors glide open with ease, flood your home with natural light and frame uninterrupted views.

The secret to a seamless flow between the home and outside space lies in the unique opening style of bifolds. The doors stack completely to one side, leaving almost the entire opening completely unobscured. We also offer a low threshold option, which can provide a flush entry and exit for greater accessibility.

With slim sightlines of just 122mm, Modeal aluminium bifold doors don't just look stunning. With double and triple glazing options, they will help keep warm air in and energy bills down, making your home efficient all year round.

Our bifold doors will change the way you interact with your home, enabling you to enjoy your space, however you choose to use it.

Make it personal

To make perfect use of your space, your Modeal bifold doors can be configured to your exact requirements.

Each pane can be as wide as 1.2 metres and up to 2.5 metres tall, and we can offer up to a massive seven panes in each direction! You can also choose whether you want your doors to open inwards or out. Our high security PAS 24 hardware ensure the doors are strong and secure.

The doors include our unique and innovative concealed trickle vents to provide ventilation for a healthier home and unlike other solutions will complement the door aesthetics because you'll hardly notice it is there.

Once you've decided on the configuration of your doors, you can select from over 200 RAL colours – you can even choose to have different colours on the inside and outside! See pages 46 to 49 for more information.

The final touch – choose the hardware to complement your personal style and décor from our extensive collection.



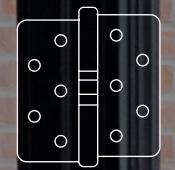
Options to consider



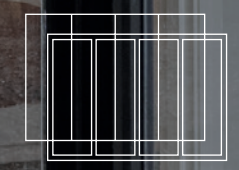
Overall size



Configuration



Accessory finishes



System



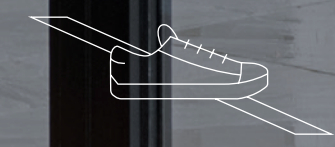
Single or dual colour



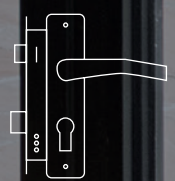
Open in or out



Number of doors



Threshold option



Handle model

Modeal Bifold
9005M - Matt Black

07

FINEST ALUMINIUM

Sliding doors

Modern, sleek, stylish.

Modeal Slide + Casement
7016M - Anthracite Grey



Light, space and
effortless living

Crafted for modern living, our Modeal sliding doors combine exceptional performance with minimalist style to create light-filled interiors that connect seamlessly with the outdoors.

Whether you are planning a renovation, replacement or new build, our statement sliding doors will enhance your home, allow you to make the most of your space and maximise your view of the great outdoors.

They may have incredibly slim sightlines – choose from 35mm or 20mm – for making the most of those views, but our premium grade aluminium frames are also exceptionally strong. Their robust construction ensures long-lasting and secure performance and feature an ultra-secure multipoint locking system to keep your home safe and secure.

Go big and bold and create a wall of glass. Each panel can be as tall and wide as 2.5 metres, allowing for impressively large, glazed panels that glide effortlessly. We can help you work out how many doors your project can accommodate.

Modeal Slide
9005TX - Textured Black

Make it personal

Keeping your home cosy is a priority.

Our double glazed units provide excellent thermal efficiency while triple glazing offers enhanced performance with U-values as low as 1.1 – perfect for exposed locations, helping to keep your home warm in winter and cool in summer.

For added peace of mind, security can be enhanced with our PAS 24 options.

Our aluminium sliding doors are available in dual and triple track configurations and can be configured to slide to the left or right, to suit your needs.

Finally, you can choose handles and hardware from our extensive range and select the perfect colour to suit your décor from over 200 RAL colours. Want your new doors to match existing windows? No problem – you can opt for different colours inside and out!



Exceptional Value



Beautiful Detail



High Weather Resistance

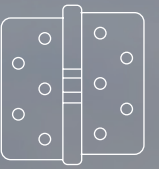
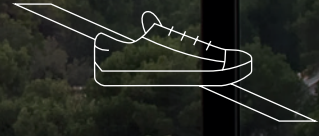


What is a U-value and why is it important?

The U value is a measure of how effective a material is as an insulator. It indicates how well a material can prevent heat from escaping or entering a building. The lower the U-value of a component, the better the insulation it provides.



Options to consider

 Overall size	 Configuration	 Accessory finishes
 System type and sightline	 Colour	 Sliding left or right
 Number of doors	 Threshold option	 Handle model

Modeal Slide 20
9005M - Matt Black

Spec information

Windows

Window Type	Side Hung	Top Hung	Fixed	Tilt Turn
Max Width (MM)	864	1400	2100	1200
Max Height (MM)	1400	1400	2100	2100
Frame Depth (MM)	70	70	70	70
Weight (Kg)	28Kg	40Kg	N/A	130Kg
Glazing Units	24,28,32,36,40 &45	24,28,32,36,40 &45	24,28,32,36,40 &45	24,28,32,36,40 &45
Security	PAS 24:2022	PAS 24:2022	PAS 24:2022	PAS 24:2022
DGU U Value (1.0 CP)	1.4 W/m2K	1.4 W/m2K	1.4 W/m2K	1.4 W/m2K
TGU U-Value (0.5 CP)	0.93 W/m2K	0.93 W/m2K	0.93 W/m2K	0.93 W/m2K
WER (1.2 Low Iron)	Band A	Band A	Band A	Band A
Air	Class 4 600Pa	Class 4 600Pa	Class 4 600Pa	Class 4 600Pa
Water	Class 7A 300Pa	Class 7A 300Pa	Class 7A 300Pa	Class 9A 600Pa
Wind	Class AE 2400Pa	Class AE 2400Pa	Class AE 2400Pa	Class BE 1800Pa

Doors

Door Type	Bifold	Single Door	French Door	Hybrid	Upgrade
Max Width (MM)	1200 Per Pane	1200	2400	2500	2500
Max Height (MM)	2500	2500	2500	3000	3000
Frame Depth (MM)	70	70	70	113	118
Weight (Kg)	100Kg	100Kg	100Kg	250Kg	250Kg
Glazing Units	24,28,32,36,40 & 45	24,28,32,36,40 & 45	24,28,32,36,40 & 45	28,30,36,38	28,30,36,38,50
Security	PAS 24:2022	PAS 24:2022	PAS 24:2022	PAS 24:2022	PAS 24:2022
DGU U Value (1.0 CP)	1.4W/m2K	1.3W/m2K	1.3W/m2K	1.6W/m2K	1.4W/m2K
TGU U-Value (0.5 CP)	0.93 W/m2K	0.92W/m2K	0.86W/m2K	N/A	1.1W/m2k
WER (1.2 Low Iron)	Band B	Band C	Band A	Band C	Band B
Air	Class 4 600Pa	Class 4 600Pa	Class 4 600Pa	Class 3 300Pa	Class 3 300Pa
Water	Class E 750Pa	Class E 750Pa	Class E 750Pa	Class 7A 300Pa	Class 7A 300Pa
Wind	Class BE 1800Pa	Class BE 1800Pa	Class BE 1800Pa	Class AE 2400Pa	Class AE 2400Pa

Colours

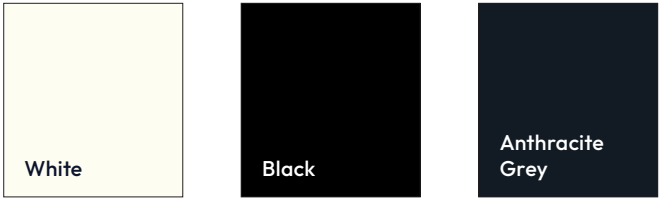
One of the reasons people love aluminium windows and doors is the quality and durability of the powder coated finish.

We work with the nation's leading powder coaters to ensure an exceptional coating – consistent, smooth, and long-lasting. The flawless finish is incredibly durable. It won't fade or crack and will stand up to the demands of everyday life.

For maximum design impact, choose our dual-colour option: for the exterior frame pick a tone to complement the building façade and architecture, while tailoring the interior to suit the décor. And remember, windows and doors don't need to match – a successful palette will harmonise with the building and interior design. We also offer many colours with a textured finish, further enhancing individual choice and architectural freedom.

Stocked for convenience

If you choose one of our popular stock colours our lead times and prices are advantageous.



See overleaf for our special collections of colours.



Crafted to endure.
Coloured to inspire.

Anything but standard

From punchy primaries to elegant, muted pastels, opulent regal tones, and heritage-inspired hues, our palette has a shade to inspire homeowners, architects and designers alike.

Alchemy

Unique metallic effects, designed to mimic anodising.



Cotswold

Our collection of heritage colours to complement and enhance any home. This range was specially developed to suit traditional homes in conservation areas.



Still looking for your perfect match?

Some homes call for something a little different. Or there are times when only extraordinary will do. For these occasions we accept special requests. For a unique finish pick from any of the 200+ RAL colours and finishes available.

Speak to your supplier about these non-standard colours and finishes. Be aware that a special request may be subject to a longer lead time.



Naturals

Our most popular colours, from classic white, creams and greys to darker reds, blues and greens. Inspiring colours and finishes for contemporary architecture and restoration projects



Sensations

Unique textured finishes offering excellent design qualities.



In real life

We have taken great care to ensure the colours in this brochure are a close representation. We always recommend viewing a painted sample of aluminium before making your final decision. Speak to your supplier and they will arrange for a sample to be sent to you.

CASE STUDY

Framing a view for homeowners in rural Berkshire

CASE STUDY

📍 Rural Berkshire

The secret to this renovation was maximising the view at the rear of the property. Both the architecture and materials emphasise this, allowing daylight to pour into the house, giving greater connectivity between inside and out.

This has been achieved using bi-folding doors and casement windows. *"We chose aluminium windows and doors because we believe they are more secure, durable and look more attractive than PVC,"* says homeowner, Mrs Wood.

The windows and doors take advantage of the view and natural light without compromising the thermal performance.

The doors suit the busy household with a stainless-steel track and wheel for ease of movement and smooth operation. Using a combination of internal and external opening projections throughout, the bi-folds also offer great flexibility for indoor and outdoor living.

"We had originally thought we wanted dual colour frames, with white on the inside, but our installer persuaded us to use one colour. Having coloured frames on the inside highlights the view and complements the garden and countryside beyond, picking up the green tones. We also matched the kitchen units and built-in wardrobes to the RAL colour (7032 Pebble Grey), so we have a simple colour palette throughout."

Helping to transform a 1930s bungalow in Harpenden

Harpenden

When Kate and Liam bought a rundown 1930s bungalow in a peaceful area of Harpenden, they were keen to make the most of the plot. "It had loads of potential," says homeowner, Kate.

Natural light was essential for achieving the couple's preferred Scandinavian interior design style with a mid-century twist.

"The house is north facing so the glazing needed to be right. The feature window in the open plan hallway and lovely wide windows in the kitchen and window seat let in so much natural light, so we never feel it is dark."

The couple also opted for sliding doors over bi-folds for an uninterrupted view of the garden and to provide a stylish entrance to the balcony off the master suite.

Kate and Liam chose aluminium windows and doors for their quality, durability and stylish appearance. The aluminium frames are powder coated Anthracite Grey to complement the untreated Western Red Cedar and zinc cladding, and contrast with the white render. The contemporary hardware is subtle and blends perfectly with the frames.

"Despite the architect's early concerns about light, the house is filled with natural light. The windows above the front door are particularly special – they let in the early morning light which floods the entrance hall and landing. The house gives us the lifestyle we wanted, and there is a real feeling of joy throughout."



BEFORE



MODEAL

Designed and Manufactured by

A⁺PLUS
ALUMINIUM

aplusaluminium.co.uk