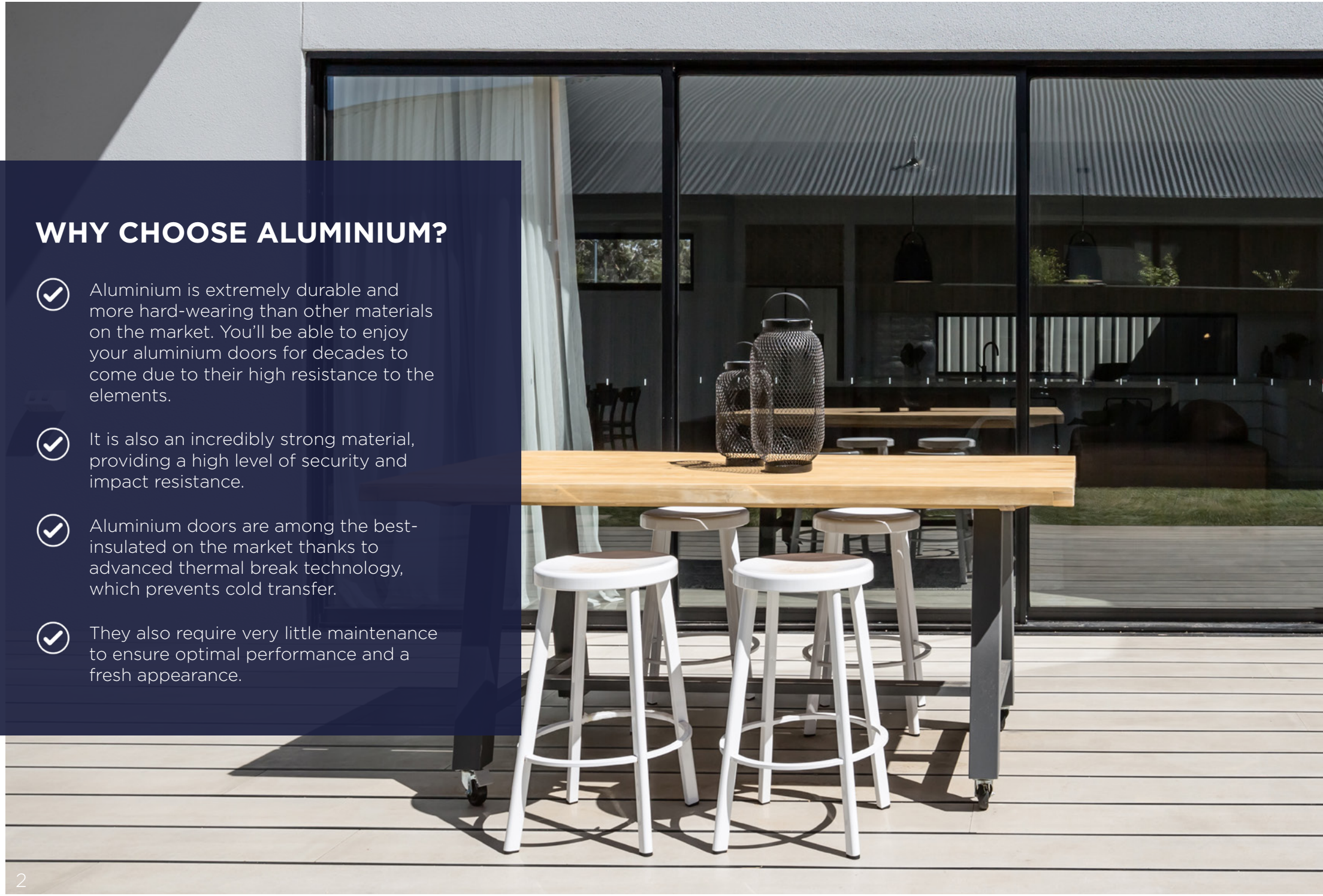
Aluminium Sliding Patio Doors

EVERITE WINDOWS



WHY CHOOSE ALUMINIUM?

- Aluminium is extremely durable and more hard-wearing than other materials on the market. You'll be able to enjoy your aluminium doors for decades to come due to their high resistance to the elements.
- It is also an incredibly strong material, providing a high level of security and impact resistance.
- Aluminium doors are among the best-insulated on the market thanks to advanced thermal break technology, which prevents cold transfer.
- They also require very little maintenance to ensure optimal performance and a fresh appearance.

Slide Into *Elegance...*

Discover uninterrupted views with Aluminium Sliding Patio Doors from Everite Windows.

Transform your home with our striking Aluminium Patio Doors, elevating both aesthetics and your property's value.

The innovative design of our sliding door system boasts exceptional thermal efficiency and ultra-sleek profiles, maximising the glass area while minimising visible framework.

Experience effortless operation with our engineering-grade hardware, ensuring seamless opening and closing of the sliding doors for many years to come.

Rest assured as our doors undergo rigorous European safety testing and are powder coated to Qualicoat standards, providing ultimate peace of mind that your patio doors are built to last and designed to perform.

ULTRA-MODERN, ULTRA-SLIM

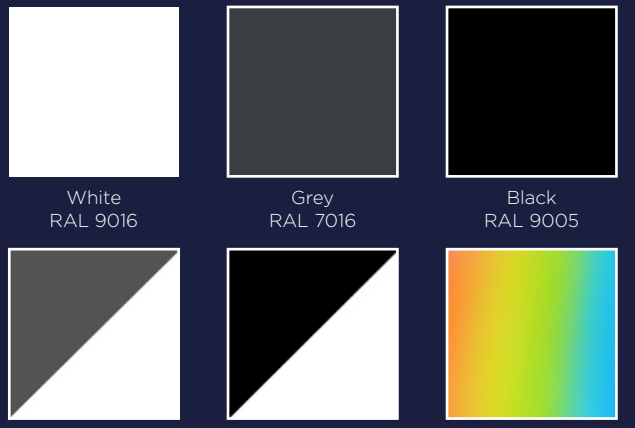
With features designed specifically for the UK market, our patio doors also offer excellent thermal performance, with impressive U-values as low as 1.1 W/m^{2}K. The doors are also proven to improve noise reduction and are fitted with the highest security features, compliant with PAS24 standards.

The sliding patio door has been designed to accomodate multiple glazing options including double or triple-glazed units and blinds in glass. Innovative engineering allows for large expanses of glass to create a striking visual impact.

COLOURS

Our doors are available in three standard colours, plus two dual colour options.

For projects requiring bespoke coloured doors, any RAL colour can be available upon request.



If you're looking to enhance the aesthetic appeal and functionality of your home, aluminium sliding patio doors are the perfect solution. Whether you have a beautiful garden or a cosy balcony, these doors allow you to bring the outdoors inside with ease.

The doors are designed for large opening sizes, achieving market-leading sash sizes of up to 2200mm x 3000mm per pane. Paired with a super-slim interlock sightline of 35mm, the design offers impressive expanses of uninterrupted views.

Create your perfect Patio Door

Maximum Weatherproofing

Designed specifically for the UK market, our patio doors have been built to withstand extreme weathering. The doors have two levels of channelling water with rubber tubular gaskets to provide a robust seal and improved drainage. A PVC rail cover also increases thermal insulation and water protection.

Optimum Vision

Achieving market-leading sash sizes, the doors can be made to impressive sizes of up to 2200mm x 3000mm per sash. Paired with 35mm interlock sightline, you'll get seamless views, bringing the outdoors in.

Endless Possibilities

There is a perfect solution for every project with our sliding door system. Choose from a wide variety of configurations, depending on the number of panes chosen and which panes you would like sliding or fixed.

Low Maintenance

Our low-maintenance aluminium doors are strong, durable and highly corrosion-resistant. They don't need painting or staining to keep them weather-proof, and they will never rot, peel or flake.

Glazing Options

Our Sliding Patio Doors elegantly frame and enrich outdoor areas while infusing your indoor space with natural light. Transforming entire walls into seamless expanses of glass, our doors offer unparalleled accessibility and a peaceful blend between the indoors and outdoors.

Tailor-made to your bespoke needs, our range offers double and triple-track options, enabling versatile opening configurations to suit your unique preferences. Select from our range of glazing options to complement any property style. Integral blind options are also available.

Low E Double Glazing

Double glazing with toughened clear Low-Emissivity filled with argon gas which has a U-Value of 1.2 W/m^{2}K.

Ultra Low E Double Glazing

An alternative to triple glazing, which can make doors heavy due to the extra weight. Ultra Low E has the same U-value as triple glazing (1.1 W/m^{2}K).

Solar Control Glass

This type of glass uses a solar control coating, which is blue tinted, to give protection against UV rays which can cause damage over time in sunny areas to items such as furniture. It can deflect the sun rays to help overheating in sun trap areas when your doors are closed.

Patterned Glass

We have a number of patterned glass options available. If you have one in mind please let us know, as the price and specification depend on the option.

Integral Blinds

Integral Blinds can also be incorporated between the double-glazed units, which means they won't get damaged and will never need dusting. They can be supplied in a range of colours, as well the choice of Venetian or pleated.

There are three different methods of operation for the Uni-blinds, depending on your requirements and budget:

- Electric
- Magnetic Slider

Integral Blinds are offered with a five year manufacturing guarantee against faults. We use Morley Glass, widely recognised as the best quality blinds in glass units available.

Venetian available colours:

Venetian blinds offer increased light and solar reflection and come in a range of pastel shades and greys.

White
Grey
Metallic Silver
Silver
Slate Grey
Anthracite
Light Blue
Black
Green

Yellow
Agate Grey
Beige
Cream

Manually Operated Blinds

Utilising a magnetic device to allow the blinds to be adjusted with ease however required. Available for both Venetian and pleated integral blinds.

Motorised Blinds

Our motorised system is the first and only rechargeable battery system with European patent.

With a wireless magnetic actuator and electronic management outside the glass, the system is battery operated to move up & down

DOOR LEAF CONFIGURATION

The Patio Door system has a variety of opening configurations, depending on how many panes are chosen and which panes you would like sliding or fixed.

There is a perfect solution for every project.

The above drawings are a selection of configuration examples. For alternative configuration options, speak to our team at **sales@everitewindows.com** or visit **www.everitewindows.com** to design your bespoke doors online today.

HARDWARE

Secure Your Peace of Mind

The ultra-secure 3-star barrel provides double the sacrificial protection, made from materials 25% denser than iron and with twice the number of pins than the average lock (including an antipick pin) and 20-point drill protection as standard.

If attacked, the barrel enters ‘lockdown mode’, meaning the lock is practically impenetrable without heavy and noisy power tools.

Polished Chrome

D Handle

The D handle is a versatile handle, designed to suit a range of properties and architectural styles. Available with inline sliding operating doors, the handle is available in 6 elegant colours to suit your doors.

Black

White

Polished Gold

Smokey Chrome

Smooth Satin

316 Patio Door Handle

This contemporary sliding door handle is the premium choice for inline sliding doors. Available in both Black & Stainless Steel colour options.

Manufactured from 316 Marine Grade Stainless Steel, the handle is designed for ultimate durability, including where corrosion levels are high such as coastal environments.

Technical Information

U-Value Calculations

Calculated in accordance with BS EN ISO 10077:2017 Parts 1 and 2.

Glass Types	Glass CPU	Overall u-Value
28mm 4mm Clear / 20mm Argon / 4mm PerformaGlaze 1.2	1.2 W/m²K	1.5 W/m²K
28mm 4mm Low Iron / 20mm Argon / 4mm PerformaGlaze 1.0	1.0 W/m²K	1.4 W/m²K
28mm 6mm Clear / 16mm Argon / 6mm PerformaGlaze 1.0	1.0 W/m²K	1.4 W/m²K
28mm 4mm Clear / 8mm Argon / 4mm PerformaGlaze 1.0 / 8mm Argon / 4mm PerformaGlaze 1.0	1.0 W/m²K	1.4 W/m²K

Technical Details at a Glance:

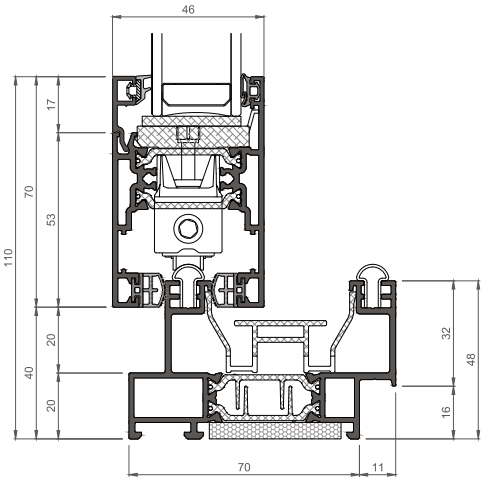
- Market-leading maximum sash sizes of 2200mm x 3000mm
- Maximum vision – with minimal 35mm interlock sightline
- Maximum security – PAS24 compliant
- Maximum insulation value – down to 1.1 U W/m²K
- Single or dual colour - factory powder coated to marine quality as per Qualicoat regulations
- 240kg per door leaf providing for the openings
- Double track (70mm) or triple track (126mm) options available
- Multi-point locking as standard for the ultimate defence

DECLARED TECHNICAL PERFORMANCE

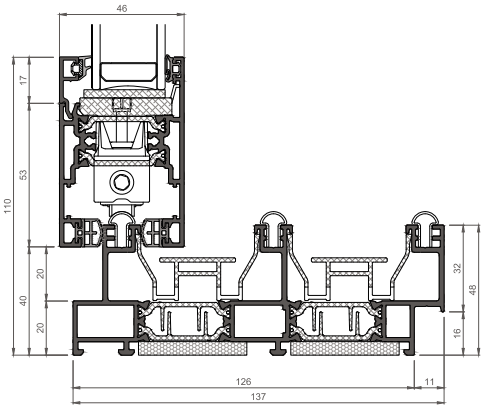
Characteristic	Performance
Maximum Sash Size	2200mm (w) x 3000mm (h)
Sight Lines	35mm Interlock (Beaded)
Security	PAS24 Compliant
Glazing Thickness	28mm
Thermal Efficiency	Glazing dependent - from 1.1 W/m²K
Energy Rating	Door Energy Rated (DER) B - A+
Frame Depth	70mm (Double Track) / 126mm (Triple Track)
Colour Options	Single or dual colour available
Coating Quality	Factory powder coated to marine quality
Sash Weight Capacity	Up to 240kg per door leaf
Operating Hardware	Engineering-grade rollers for smooth operation
Air Permeability	Class 4
Water Tightness	Class 7A
Wind Load Resistance	Class C5

CROSS SECTIONS

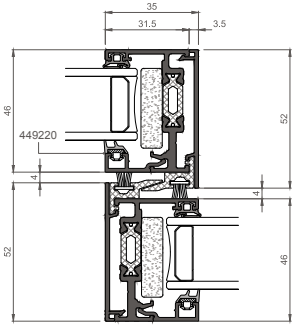
Double Track Cross Section



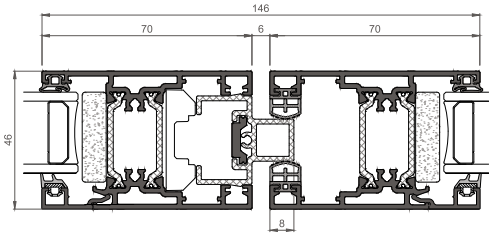
Triple Track Cross Section



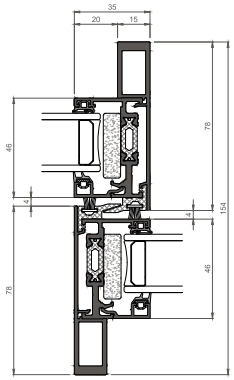
Interlock



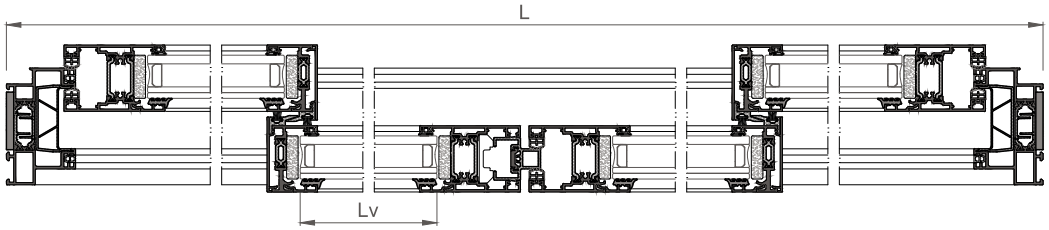
4 Pane Middle



Interlock Reinforcing

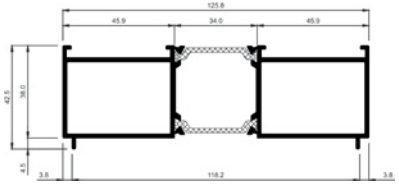


4 Pane Cross Section

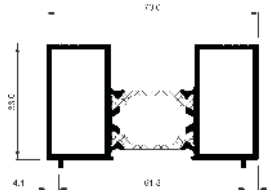


PATIO PROFILE DETAILS

Add on Triple Track

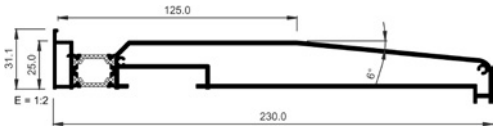


Add on Double Track



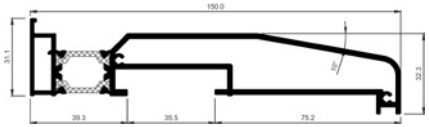
CILLS

*Not available on triple track

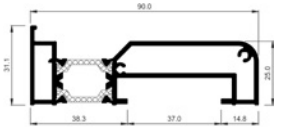


Subcill 230mm

Subcill 180mm



Subcill 150mm*



Subcill 90mm*

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