stellar™
ALUMINIUM SYSTEMS

NEW FOR JULY 2025

ULTRA-SLIM ALUMINIUM SLIDING PATIO DOORS

***More** Glass. **Less** Frame. **All** Style.*

stellar™
ALUMINIUM SYSTEMS

INTRODUCING THE ALL-NEW SLIDING PATIO DOOR

Our aluminium sliding patio doors offer a sleek and modern solution for enhancing any living space.

Fixed sashes are designed without internal framing, meaning there's less bulky frame and more uninterrupted glass. Combined with the ultra-slim 35mm interlock, it transforms any space with open views and an abundance of natural light.

Designed with durability and style in mind, these doors provide smooth operation and exceptional energy efficiency. The lightweight yet robust aluminium frames made using slim profiles can maximise the glass area for a seamless connection between indoor and outdoor spaces.

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"FRAMELESS" FIXED SASHES

Our aluminium sliding patio doors feature a direct glazed fixed light, removing the need for a fixed dummy sash and providing a sleeker, more modern aesthetic. This design not only enhances the glass-to-frame ratio, allowing for more natural light and uninterrupted views, but also improves thermal efficiency by reducing unnecessary framing.

SLIM INTERLOCK

With an interlock as slim as 35mm, the Stellar Sliding Patio Door offers some of the narrowest sightlines on the market. This design maximizes the glass area, allowing more natural light to flood into the living space and providing uninterrupted views of the outdoors.

THE BEST IN ALUMINIUM

Our range of garden patio doors in aluminium are made using powder-coated profile from Stellar Aluminium Systems, a brand of Epwin Window Systems. Powder coating involves the application of dry powder to the aluminium, which is then cured under heat to create a uniform finish. This coating serves as a protective barrier against harsh weather conditions, significantly prolonging the lifespan of our doors.

SMOOTH INLINE SLIDING DOUBLE TRACK SYSTEM

The inline sliding design of our Stellar Aluminium door offers a user-friendly experience.
The door panels are mounted on rollers that glide along a horizontal track, allowing the panels to slide parallel to a wall.

This design allows the door panels with large and heavy glass panel to slide smoothly, minimising effort and maximising accessibility. Inline sliding doors are particularly advantageous in spaces where floor space is limited, as they do not require additional clearance for the door to open.

"Some of the slimmest profiles in the market!"

“U-values as low as 0.94 with triple glazing”

DESIGNED TO MEET PAS 24 SECURITY

Opt for laminated glass, and these aluminium sliding patio doors become PAS 24 compliant as standard, meeting the latest security standards for new builds. Additionally, these doors come with toughened glass as standard, providing a virtually shatterproof solution. For added peace of mind, our aluminium patio doors come fitted with a high-security 3-star ATK cylinder and multi-point locking mechanisms on the main opening panel.

ER CERTIFICATION LTD
PAS 24

WEATHERPROOFING

Our aluminium patio doors have been tested and passed to meet British Standards for water and wind resistance. The strong aluminium frames and large glass areas will allow natural light into a homeowner’s property, without compromising on weatherproofing.

These doors are designed to be able to withstand harsh weather conditions. Our Stellar Inline doors offer both functionality and style, making them a great addition to any modern property.

THERMAL EFFICIENCY

Our aluminium doors incorporate a thermal break to insulate them against heat loss and to help keep the home at a consistent temperature all year-round. This thermally efficient design allows these doors to achieve impressive U-values.

The U-value measures the rate of heat transfer through a structure. The lower the U-value, the better the insulation, meaning less heat escapes from your home.

- U-Value (Double Glazed): 1.4W/m²K
- U-Value (Triple Glazed): 0.94 - 1.0W/m²K

The U-value includes both the glass and the frame, so it's important to consider the total U-value to get an accurate picture of the door's overall insulation performance.

LAMINATED GLASS

You have the option to upgrade your sliding patio door with laminated glass for enhanced safety. One of the most notable advantages of laminated glass is its safety features. In the event of breakage, the interlayer holds the glass fragments together, preventing them from shattering into sharp pieces.

COLOUR OPTIONS

Aluminium sliding patio doors are available in black, anthracite grey, and white finishes, providing a classic and versatile choice for any home.

The white finish offers a clean and bright appearance that seamlessly complements various architectural styles, enhancing the overall aesthetic with its timeless appeal. Anthracite grey adds a modern touch of elegance, making it a stylish option for those seeking a more contemporary look for their living spaces.

Our aluminium sliding patio doors are available in bespoke colours, allowing you to customise them to perfectly match any aesthetic. Minimum order quantity may apply.

STOCK COLOURS

Black
Black
RAL9005

Anthracite Grey
Anthracite Grey
RAL7016

White
White
RAL9003

DUAL COLOURS

Black
White
RAL9005 / RAL9003

Anthracite Grey
White
RAL7016 / RAL9003

Bespoke

COLOUR OF YOUR CHOICE

HARDWARE

Our aluminium sliding patio doors come with the latest and best in hardware. Easy use handles compliment the most innovative locking systems.

Designed with precision and purpose, our D Handles bring a timeless, traditional character to any application. For projects where modern form and visual impact are paramount, our Long Inline Handles provide a striking, contemporary solution Homeowners can get years of consistent and reliable use when choosing Quickslide products.

D HANDLE

Satin Silver

Brushed Chrome

White

Bronze

Gold

Chrome

Black

LONG INLINE HANDLE

Black

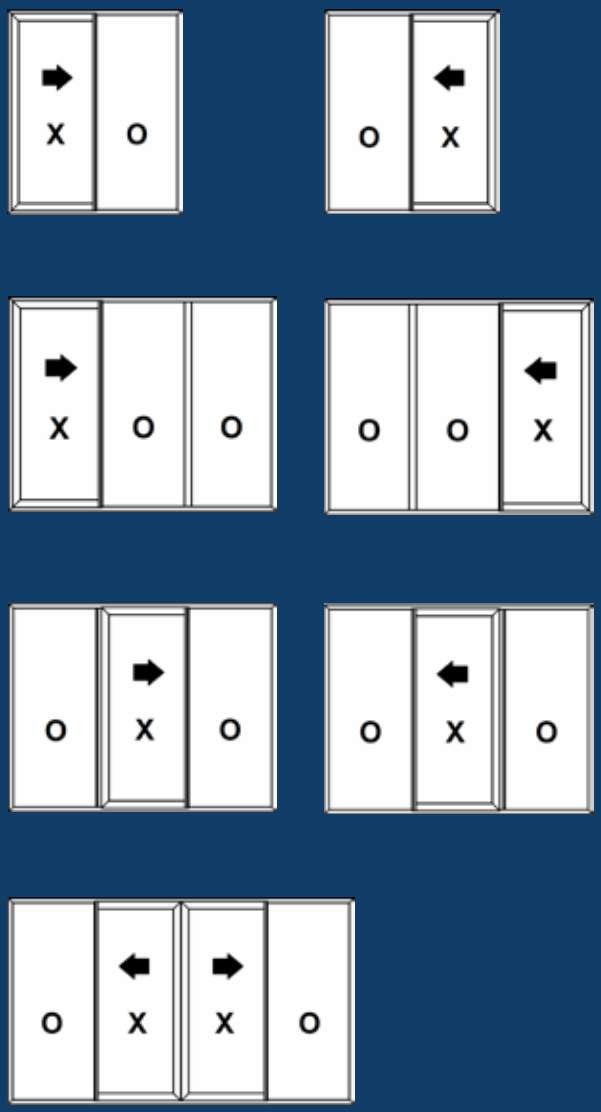
Steel

TRICKLE VENT

Building regulations state that most glazing elements require trickle vents. Fitting trickle vents in windows or doors improves indoor air quality and allows airflow even when windows are closed. We use Link vents (5000EA each), which require a 36mm add-on across and above the outer frame.

SLIDING PATIO DOOR CONFIGURATIONS

Sliding patio doors are designed in several configurations to accommodate different requirements, including options that range from two to four panels. The 2-panel configuration is the most frequently used, featuring one fixed sash and one sliding panel. The 3-panel design typically consists of two fixed panels with a central sliding door. For larger openings, the 4-panel configuration allows for two sliding doors that can move either towards the center or to one side.



Viewed from the outside. Please note the sliding door is always on the outside.

TECHNICAL SPECIFICATIONS

Cill Options:	200mm / 150mm
U-Value 28mm Double:	1.4 W/m²K
U-Value 44mm Triple:	0.94 - 1.0 W/m²K
Air Permeability (Pa):	Class 3
Water Tightness (Pa):	Class 5A
Wind Load (Pa):	Class B3
PAS 24 Security Upgrade:	Yes with Laminated Glass

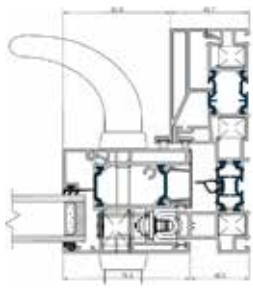
MANUFACTURING LIMITATIONS

	Min Width	Max Width	Min Height	Max Height
2 PANELS	1200 mm	3200 mm	1900 mm	2400 mm
3 PANELS	1800 mm	4800 mm	1900 mm	2400 mm
4 PANELS	2400 mm	6400 mm	1900 mm	2400 mm

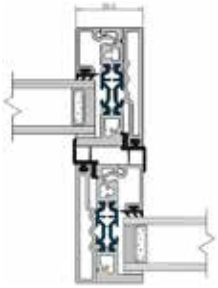
Maximum Weight Per Pane: 175kg

INSTALLER FRIENDLY DESIGN

Our aluminium sliding patio doors are designed for hassle-free installation, featuring pre-gasketed, knock-in beads that eliminate the need for time-consuming glazing adjustments on-site. This allows for a quick, precise, and professional fit, reducing the margin for error while enhancing both efficiency and aesthetics. Combining installer-friendly design with premium performance, these doors streamline the fitting process without compromising on quality.

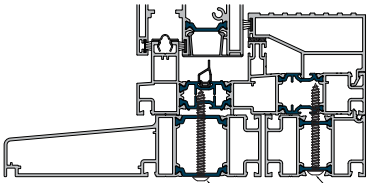


Outer Frame & Sash



Slim Interlock

(Reinforcement may be required on larger units)



150mm Sill & Add-on

200mm Integral Sill