

Aluminium

Inline Sliding Door

Discover star quality

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stellar
ALUMINIUM SYSTEMS

The Stellar Aluminium Inline Sliding Door is part of the multi-award-winning Stellar aluminium window and door system from Epwin Window Systems, the UK's largest systems house.

Designed and manufactured in Britain, Stellar provides the best aluminium window and door products for today's discerning homeowners. Everywhere you look, there are innovative features and intelligent design protocols that make Stellar straightforward to fit and beautiful to live with.

Quite simply, Stellar is the future of aluminium windows and doors.



Slimline aesthetics & flexible functionality of the Inline Sliding Door

With the trend for large expanses of glass that give unrestricted views to the outside or adjoining room, the Stellar Inline Sliding Door opens up endless possibilities.

It has a stunningly slim aluminium profile and a slimline interlock of just 35mm so the frames sit wonderfully unobtrusively. Each sash can be up to 1675mm wide, so you can have fewer sashes and more glazed area. And because the outerframe seamlessly aligns with the sash, the door delivers a flush appearance that perfectly suites with other products in the Stellar Aluminium collection.

It's available in 2, 3, and 4-pane configurations with a maximum total width of 6500mm, so it offers design flexibility to support all architectural requirements.

Efficient performance:

As you would expect from a Stellar product, the performance of the Stellar Inline Sliding Door is

impressive. By design, its innovative thermal break technology means the door meets Part L thermal efficiency requirements of Building Regulations with standard 28mm double glazing. Its outstanding weather performance and security testing credentials corroborate the quality of the Stellar Inline Sliding Door.

It's also fabricator friendly with a direct glazed fixed light which eliminates the need for a fixed dummy sash, reducing fabrication time and improving manufacturing efficiencies. And thanks to the door's pre-gasketed knock-in beads, installation is quick and straightforward too, whilst providing a neat, high-end finish on the gasket line.



U-values
can be as low
as 1.0 W/m²K



Weather
performance



Air
permeability
Class 3 to 600Pa



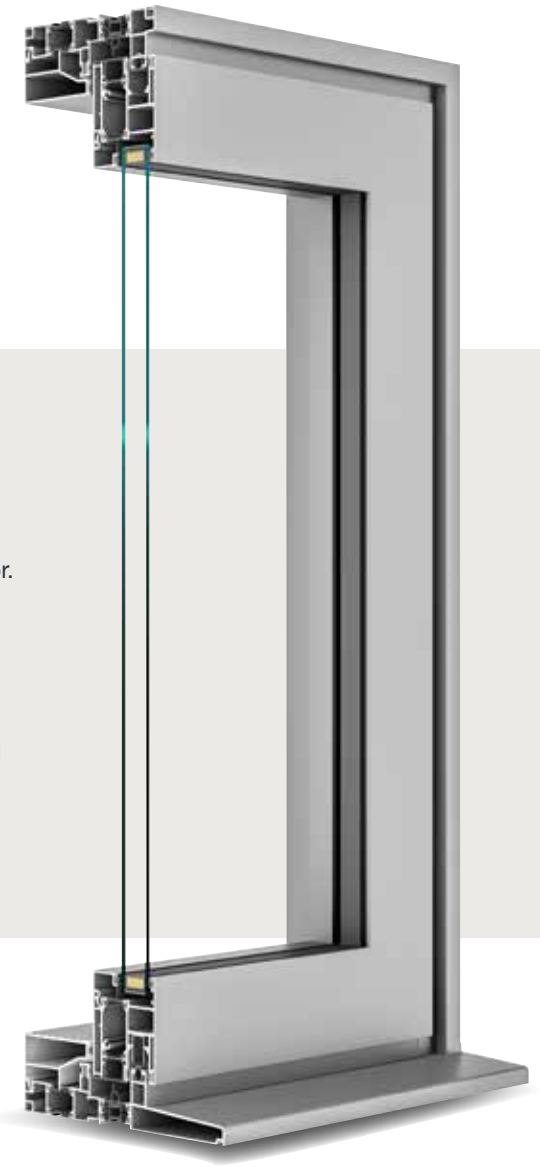
Water
tightness Class
5A to 200Pa



Wind load
resistance Class
B3 to 1200Pa



Double
or triple
glazed



Enjoying the full vista

When you want to put all the attention on the view and create a striking style statement, the Stellar Inline Sliding Door is the answer.

Bringing together internal and external environments is a trend that allows a closer connection with your garden or patio area. Sliding doors are perfect for internal room dividers too as they allow a natural light source into the room but give closed off privacy when needed.

The market-leading slimline Stellar Inline Sliding Door has been purposely designed to maximise this natural light diffusion and deliver next-level flush aesthetics for today's modern interiors. And with a choice of 2, 3, and 4-pane configurations the Stellar Inline Sliding Door is the next generation of slimline aluminium doors designed to make the most of your vista without compromise.





A practical **solution**

When slimline aesthetics and intelligent design combine.

- Market-leading slim profile allows the glass to take centre stage
- 35mm slim interlock option maximises natural light diffusion
- The outerframe aligns with the sash, delivering a flush appearance
- Robust security because the door meets Building Regulation requirements and PAS 24: 2022 as standard
- Choice of glazing options, including triple glazing to help keep your home warm in winter and cool in summer
- Reduced fabrication time because the direct glazed fixed light eliminates the need for a fixed dummy sash
- Unique quick-fitting process means a neater finish where the glazing meets the frame, enhancing the appearance of your door
- Choice of 2, 3, and 4-pane options to support all door aperture projects
- Choice of threshold options.





Exploring the options

Every Stellar Inline Sliding Door is a bespoke manufactured product.

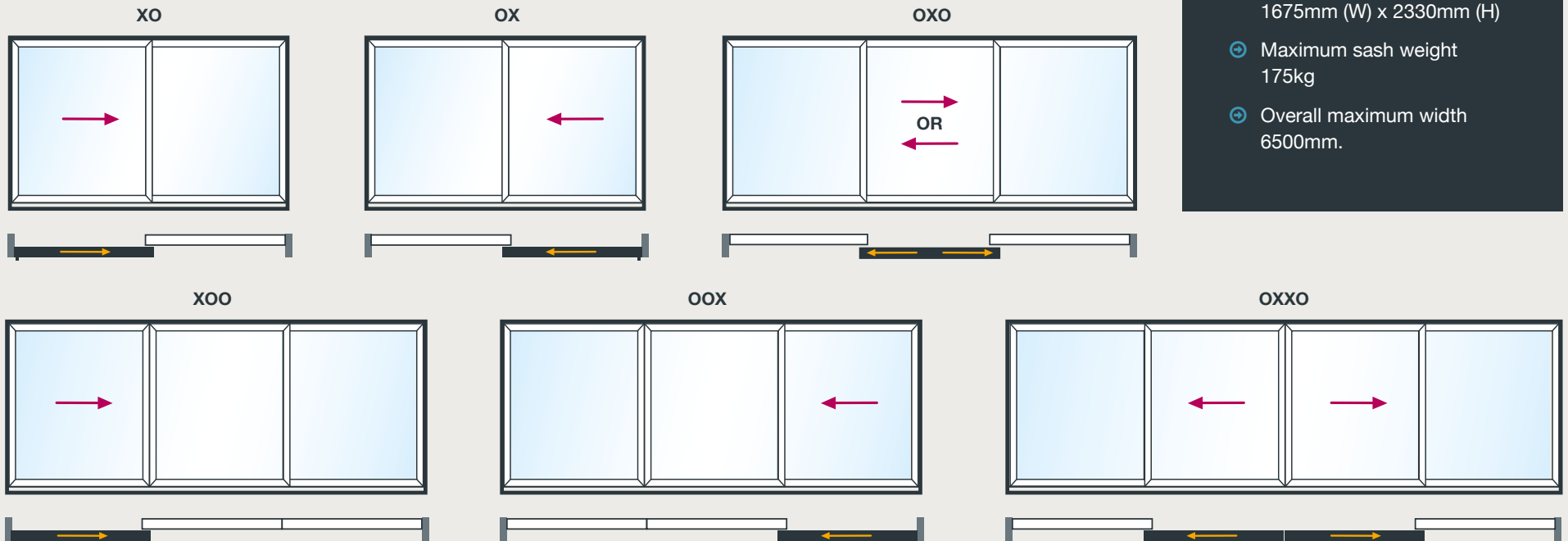
From the configuration of the door to the colour of the slimline frames and the handles, every element is purposely manufactured to your precise specifications to satisfy any architectural requirements.



Dimensions and Configurations

- 2, 3, or 4-pane options
- 35mm slim interlock option
- Sash size – maximum of 1675mm (W) x 2330mm (H)
- Maximum sash weight 175kg
- Overall maximum width 6500mm.

DOOR CONFIGURATIONS





Thermal insulation by design

The Stellar Inline Sliding Door represents a new approach to thermal break technology and delivers one of the most thermally-efficient sliding door systems on the market today.

The door incorporates intelligently designed polyamide thermal breaks that ensure low thermal conductivity. Effective seals and bespoke design features provide superior weather tightness, reduce air leakage and give enhanced acoustic benefits.

It all adds up to a highly insulated sliding door that has a U-value of 1.4 W/m²K with 28mm double glazing and as low as 1.0 W/m²K with triple glazing.

It means the Stellar Inline Sliding Door meets the new Part L requirements for thermal efficiency with standard 28mm double glazing and its future-proofed design is ready for increased thermal efficiency requirements as part of the drive towards net zero.

Colour inspiration

The Stellar Inline Sliding Door is available in a standard range of stocked colours or in any other made to order RAL finish that may be required.

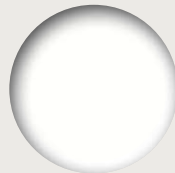
Textured, non-textured and dual colour options are also available, reflecting the latest colour palettes for project personalisation.

Stellar offers a marine grade finish as standard to ensure outstanding resilience in even the most challenging environments.

Epwin Window Systems holds a QUALICOAT license and Stellar products are QUALICOAT approved, which means that the most up-to-date coating technology is used and there is a robust commitment to powder coating of the highest quality.

Stellar colour range

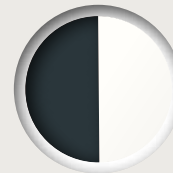
Stock



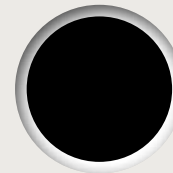
Signal White
Flat/Matt
RAL 9003



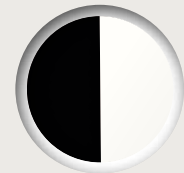
Anthracite Grey
Flat/Matt
RAL 7016



**Anthracite Grey/
Signal White**
Flat/Matt
RAL 7016 / 9003

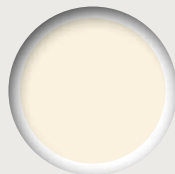


Jet Black
Flat/Matt
RAL 9005

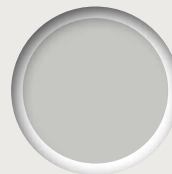


**Jet Black/
Signal White**
Flat/Matt
RAL 9005 / 9003

Made to Order



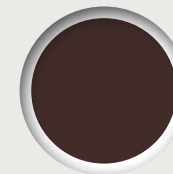
Cream
Flat/Matt
RAL 9001



Agate Grey
Flat/Matt
RAL 7038



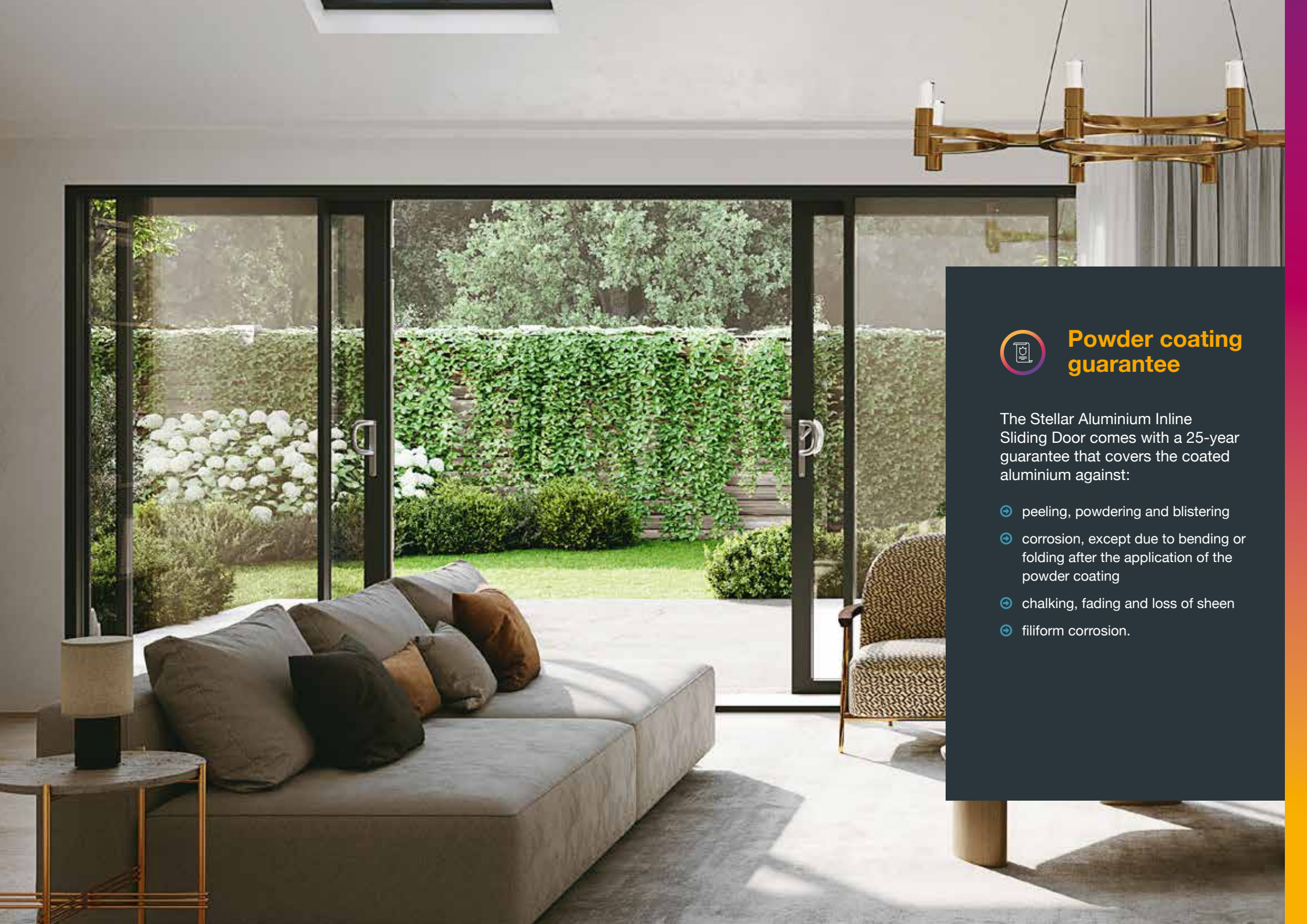
Slate Grey
Flat/Matt
RAL 7015



Chocolate Brown
Flat/Matt
RAL 8017



Anthracite Grey
Textured
RAL 7016



Powder coating guarantee

The Stellar Aluminium Inline Sliding Door comes with a 25-year guarantee that covers the coated aluminium against:

- ➡ peeling, powdering and blistering
- ➡ corrosion, except due to bending or folding after the application of the powder coating
- ➡ chalking, fading and loss of sheen
- ➡ filiform corrosion.

Accessory perfection

Door Furniture

Door furniture on the Stellar Inline Sliding Door has been carefully considered to complement the door and ensure it is a joy to use.

Finishes have been selected for scratch resistance and durability and we only source from the most reputable suppliers so you can be sure every element is robust and reliable.



Thresholds

The Stellar Inline Sliding Door has two threshold options to choose from. Fabricators can choose from either a traditional outer frame and cill or an integral cill which delivers enhanced sightlines and is quick and easy to install.

All cill options provide reliable drainage and channel water away from the property.



Built to protect

Security is an integral part of every Stellar Aluminium Inline Sliding Door

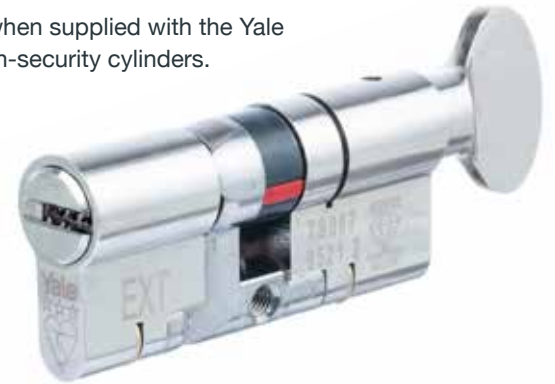
Strength and security

Every aspect of the Stellar Aluminium Inline Sliding Door has been designed for peace of mind.

As standard, it features a 6-hook locking system by Yale, one of the world's renowned lock manufacturers and a household name. For 4-pane doors there's a specially-developed, Yale 10-hook locking system.

All our doors meet PAS 24 when supplied with the Yale Platinum 3-star range of high-security cylinders.

All the hardware comes with a 10-year mechanical performance guarantee and all approved door handles are covered by an additional 10-year decorative surface guarantee for your complete reassurance.



Secured by Design



Official Police Security Initiative



Protecting the home

Security

Security is an integral part of every Stellar Inline Sliding Door. As a material, aluminium offers exceptionally high strength and dimensional stability.

We use Yale multipoint locking systems, one of the most trusted names in security. Robust rollers combine with multipoint locking for the main door.

As a result, the Stellar Inline Sliding Door is a PAS 24: 2022 accredited system and meets Approved Document Q requirements as standard. With the use of the correct glazing specification, it can also meet Secured by Design standards if required.

Lifetime Security Guarantee

When fitted with the Yale 3-star cylinder and conforming to PAS 24: 2022, the Stellar Inline Sliding Door is covered by the Yale Lifetime Security Guarantee.



The Yale Lifetime Security Guarantee gives you:



**Up to £1000
towards home
insurance excess**

in the unlikely event
of a break-in at your
customer's home.



**Up to £1000
towards repairs
or replacements**

of any failed Yale
components.



**£1000
compensation**

if a break-in is caused
by the failure of a Yale
component.



**Up to £250
refund on
call-out fees**

if a home needs to be secured
after a break-in resulting from
a failed Yale component.

Terms and conditions apply.

A truly **British** heritage

Stellar is produced by Epwin Window Systems, the UK's largest systems house with a track record stretching back almost 50 years.

Our products are designed and manufactured in Britain for the British market. We only work with trusted and reliable window and door fabricators and are active in trade and industry bodies, taking a leading stance in environmental initiatives.

At Epwin Window Systems we firmly believe in continuous investment in our production facilities and our quality management systems.

You see this commitment in action in our multi-million-pound Stellar manufacturing facility, which was purposely designed to achieve state of the art manufacturing and superior quality and efficiency.

Stellar is manufactured on the industry's first fully automated thermal break, gasket insertion and packaging line. The line delivers all three functions seamlessly and efficiently to deliver reliable quality and rapid turnaround times.



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EpwinTM
window systems

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