Aluminium

Window Systems

Discover star quality

stellar™
ALUMINIUM SYSTEMS

Stellar Aluminium Windows are part of the multi-award-winning Stellar Aluminium System that raises the bar in aluminium system design and performance.

Everywhere you look, there are unique patented features and intelligent design protocols that make Stellar Aluminium Windows straightforward to fit and perfectly designed for today's discerning homeowners

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

New product G19 AWARDS WINNER

NFA20 WINNER

MADE IN BRITAIN

Stellar is produced by Epwin Window Systems, **the UK's largest systems house**

Our products are designed and manufactured in Britain for the British market.

We are active in trade and industry bodies, taking a leading stance in environmental initiatives. We work with trusted and reliable window and door fabricators throughout the UK to ensure exceptional standards at every stage. Our track record stretches back almost 50 years and our team offers valuable expertise and unequalled experience that supports our customers' businesses.

We firmly believe in continuous investment and development in our products, our production facilities and our quality management systems. This commitment is evident in our multi-million-pound state-of the-art manufacturing facility. It was purpose-designed to achieve superior product quality and competitive turnaround times. We also hold strong volumes of stock in our specifically designed 300,000 sq ft warehouse and distribution centre to ensure we can always meet customer requirements.

Because when you have raised the bar in aluminium system design, you have to make sure your production facilities reach the same exacting standards. With Stellar, they do.

Ask for more information on the other products in the Stellar range.

Stellar features

An intelligently designed system packed with valuable benefits.

Stellar Aluminium Windows were designed from the ground up, which means they don't have any of the workarounds or compromises usually associated with aluminium windows. As a result, Stellar Aluminium Windows offer outstanding aesthetics and superior performance that transform homes and buildings across the UK. And they are as easy and fast to fit as their PVC-U counterparts for a truly exceptional difference.

Thermal break technology means windows meet Part L thermal efficiency requirements with standard 28mm double glazing

*U-values as low as 0.95 W/m²K with triple glazing.
1.1 W/m²K (flush)
0.95 W/m²K (fully flush)

28, 32, 36, and 44mm glazing options

PAS 24:2016 accredited system

Can meet Secured by Design

Tailed gasket to improve thermal performance

Patented pre-gasketed knock-in glazing beads make glazing quicker, leaving a cleaner internal gasket line for enhanced aesthetics and long-lasting quality

Flat internal rebate area offers more choice on fixing placement and a cleaner, sleeker finish

Internal glazing means no need for scaffolding

Exceptionally slim sightlines mean a glass area that's up to 12% larger than a comparable window for a lighter, brighter living space

Patented Reverse Butt Joint means no dummy sashes or reverse adaptor profiles are needed, saving up to 30% on profile*

Fully flush option gives a flush frame both internally and externally for next-level modern aesthetics

Easy-clean rebates

Aluminium is an endlessly recyclable material that offers a long lifespan with minimal maintenance

* Based on a GGF standard configuration internally beaded window

Stellar

Flush and Fully Flush Casement Window

Classic aluminium windows for the 21st century.

The Stellar Flush Casement Window has immaculate, streamlined flush aesthetics on the exterior frame with the opening pane perfectly aligned with the window's frame. Inside, there's a classically neat, stepped appearance.

The Stellar Fully Flush Casement Window extends the streamlined flush aesthetic to both the interior and exterior of the window. This unique flush design offers the ultimate in minimalist styling and is ideal for the most modern styles of architecture.

Features

- Meets the requirements of the new Part L of Building Regulations as standard
- Robust hardware with multiple locking points for reassuring security
- Up to 12% more glass area than a comparable window
- All assemblies, trims and cills for bay and bow windows
- Astragal bar option
- Flexible design allows almost any arrangement of top or side-hung sashes and fixed lights with no need for adaptors and dummy sashes

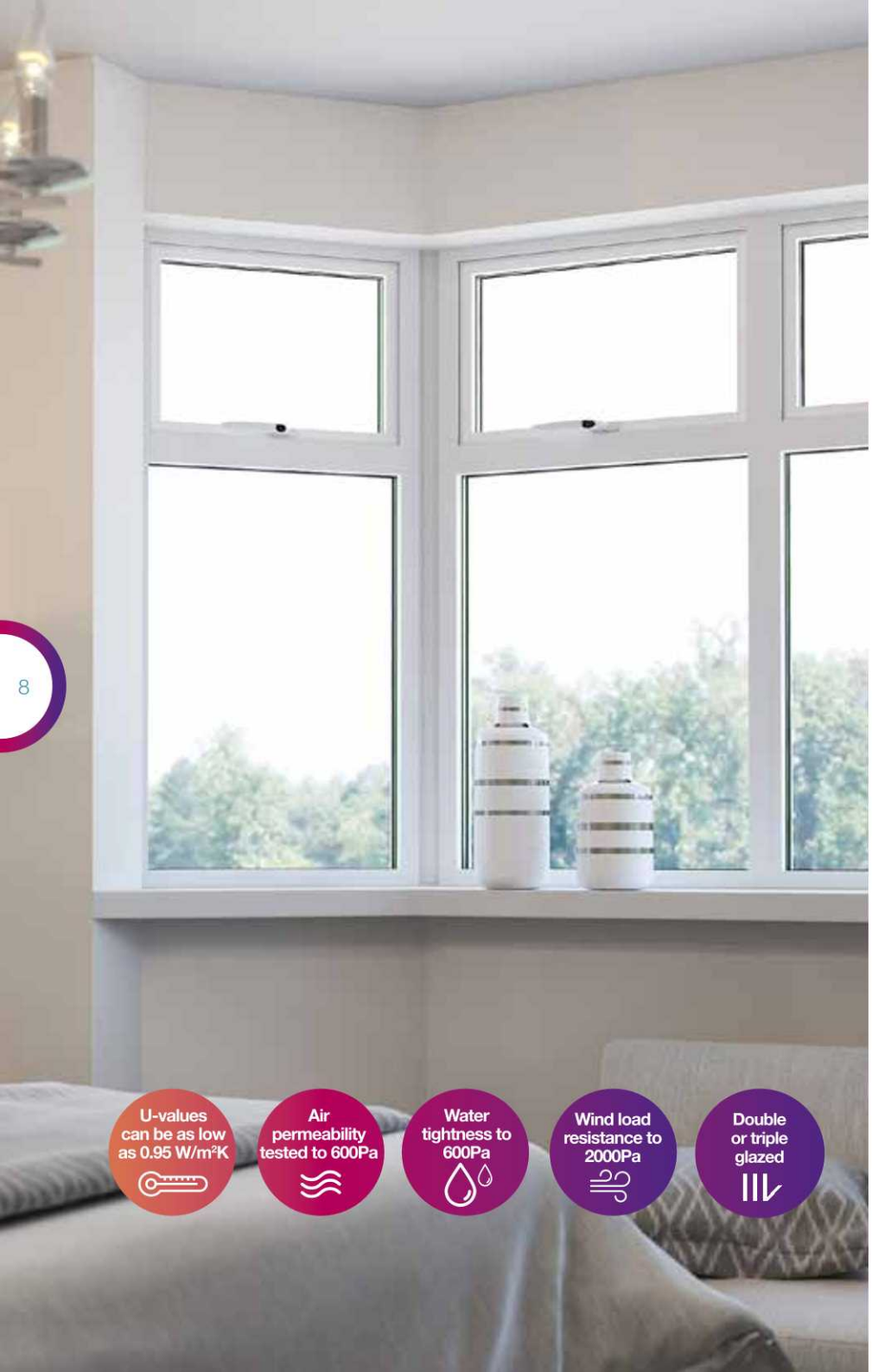
U-values can be as low as 1.1 W/m²K

Air permeability tested to 600Pa

Water tightness to 600Pa

Wind load resistance to 2000Pa

Double or triple glazed



Stellar Bay & Bow Window

Charming character with modern-day performance.

Stellar Bay and Bow Windows are the perfect streamlined solution for bow and bay window apertures. By design, Stellar Bay and Bow Windows have the slimmest sections on the market to let the glass take centre stage, delivering the light-filled vistas these windows convey.

Like all Stellar windows, Stellar Bay and Bow Windows can be perfectly customised including glazing bars and stained glass to support the demands of all projects.

Features

- Meets new Part L 2022 thermal efficiency requirements with standard 28mm double glazing
- Robust hardware with multiple locking points for reassuring security
- All assemblies, trims and cills for bay and bow windows
- Astragal bar option
- Flexible design allows almost any arrangement of top or side-hung sashes and fixed lights with no need for adaptors and dummy sashes

Stellar

French Flush Casement Window

Beautiful continental style that's ideal for cottage windows and smaller apertures.

The Stellar French Flush Casement Window recreates the style of a traditional French cottage window. The slim aluminium frame means it looks as good in a period home as it does in a modern classic. The lack of central mullion provides unrestricted views when the sashes are open. It also means it can be used as an emergency escape window on smaller apertures.

Features

- Both sashes open without a fixed mullion
- Suitable for use as a fire escape window
- Recreates the styling aesthetics of a traditional French cottage window

Stellar
Flush Tilt & Turn Window

A beautiful window for medium and high-rise buildings.

The Stellar Flush Tilt & Turn Window has a strikingly slim sash that sits flush against its frame and has elegantly concealed gearing to give you a beautifully streamlined finish. It gives a dramatic expanse of glass that maximises light and views to create a sophisticated space that's a joy to live in.

Turn mode
maximum ventilation and ease of cleaning outside pane.

Tilt mode
top ventilation position.

Features

- Designed for use in medium and high-rise buildings
- Meets the requirements of the new Part L of Building Regulations
- Robust concealed hardware with multiple locking points for reassuring security
- Intelligent gearing prevents selection from tilt to turn and vice versa, enhancing safety
- Restrictors can be fitted for extra safety where required

U-values can be as low as 1.1 W/m²K
Air permeability tested to 600Pa
Water tightness to 300Pa
Wind load resistance to 1600Pa
Double or triple glazed

Stellar colour options

A colour offer that sets a high standard.

Stellar Aluminium Windows are available in a range of stock colours (on reduced lead times). They are also available in any other RAL finish that may be required, including textured finishes and dual colour options.

Whichever option you choose, you can be assured of outstanding quality.

Our state-of-the-art powder coating plant uses a chrome-free pre-treatment system, which reinforces our commitment to the environment and exceeds the latest regulatory requirements. It uses short cycle times from pre-treatment to powder booth to reduce the risk of contamination and handling damage.

We use cutting-edge powder processes throughout, which include a fully automatic quick-change powder booth with advanced product detection and automatic gun for superior quality. Our product recipe input delivers consistent and repeatable coating quality for a high-quality finish.

Stellar Aluminium Windows have a marine grade finish as standard to ensure outstanding resilience in even the most challenging environments. And we visually inspect every frame at a distance of one metre – far in excess of the industry standard three metres.

Powder coating guarantee

Stellar Aluminium Windows come 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 out of the Qualicoat* regulation
- Filiform corrosion

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

* Qualicoat is an organisation committed to maintaining and promoting the quality of coating on aluminium and its alloys used in architectural applications. It gives purchasers the assurance of a premium grade product.

Stellar

hardware options

The little details that make Stellar Aluminium Windows a joy to live with.

We have chosen stylish window hardware that beautifully complements our windows and gives consistent styling with the other products in the Stellar range.

We have selected finishes that offer superior scratch resistance and durability and we only source from the most reputable suppliers so you can be sure every element is robust and reliable.

Stellar security

Intelligent security protocols come as standard with Stellar.

Security is an integral part of every Stellar Aluminium Window. Aluminium offers exceptionally high strength and dimensional stability, providing reassuring protection for the home. We use Yale multipoint locking systems - one of the most trusted names in security - on Stellar Casement Windows. As a result, Stellar Aluminium Windows are PAS 24:2016 accredited and meet Approved Document Q requirements as standard. They can also meet Secured by Design with the correct glazing specification.

Lifetime Security Guarantee

When fitted with the Yale 3-star cylinder and conforming to PAS 24:2016, Stellar Aluminium Windows are covered by the Yale Lifetime Security Guarantee.

Yale

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. Lifetime guarantee applies to specific Yale hardware components.

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Epwin™
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