

# Aluminium WINDOWS

ALUNA  
WINDOW



**ALUNET**  
SYSTEMS



# SLIM ALUMINIUM CASEMENT WINDOWS

The ALUNA Window's super slim sash offers minimal sightlines for maximised views. Secure to PAS24:2022 certification, the ALUNA Window exceeds Part L compliance with a WER rating of A, and a new built requirement of 1.4 W/(m<sup>2</sup>k) is achieved when combined with highly energy efficient glass.

The ALUNA Window is available with 81mm outerframe as standard, or with the NEW 73mm outerframe which seamlessly couples with our ALUNA Bifold door system, and even shares some of the same components. The new profile is perfect when using the window system as sidelights with openers to the bifold system. It can even be glazed from the inside and the outside for simple, pain-free installation.

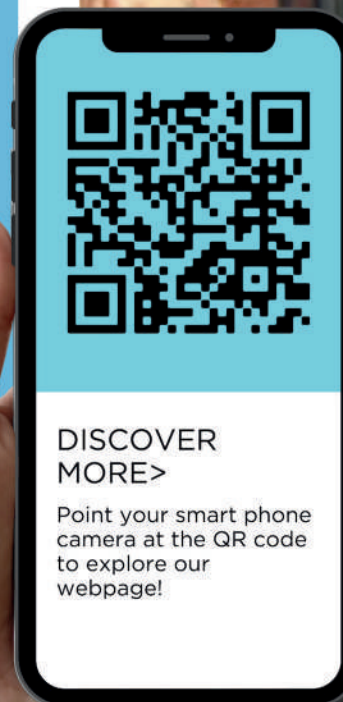
## Why choose Aluminium?

Aluminium is extremely durable and more hard-wearing than other materials on the market. You'll be able to enjoy your aluminium windows 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 windows are among the best insulated on the market, thanks to advanced thermal break technology, which prevents cold transfer.

They require very little maintenance to ensure optimal performance and a fresh aesthetic.

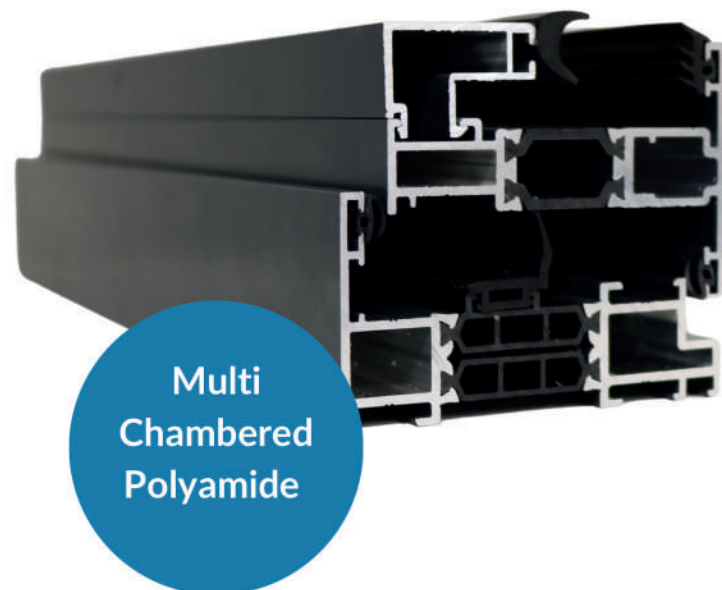
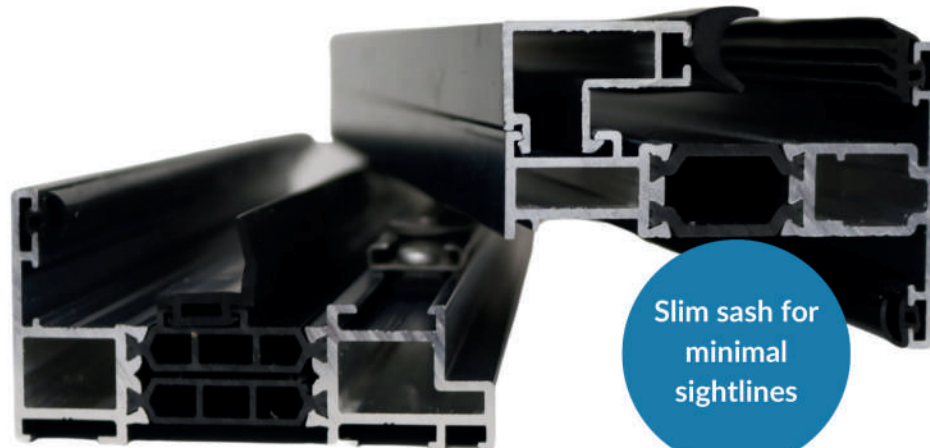




The ALUNA Window is available with our standard or super slim sash for minimal sightlines. Flush options are also available for enhanced aesthetics.

With its elegant, contemporary design, the ALUNA Window perfectly complements our other ALUNA systems, bringing you a cohesive range of products. All configurations of the ALUNA Window system can be finished in several glazing options to create a style that suits any property.

- 28-44mm glazing options
- Heritage/ flush & standard window options
- 1.4 U-value
- Energy rating A (WER)
- Side hung / top hung / fixed light options available
- NEW 73mm aluminium profile option perfectly complements the ALUNA Bifold system



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# HARDWARE

## MILA HANDLES

The Mila handle is available in 5 suited finishes, including **Polished Gold, Polished Chrome, Smooth Satin Chrome, White, Black.**

Manufactured to be ease of operation in mind, the modern design features an ergonomic lever contoured to the shape of your hand, and a tear drop button that offers comfort during use. Complete with a **high-security locking system**, the handles are extremely reliable having been tested up to **50,000 cycles**. Additionally, the handles come with **10-year guarantee**, for extra peace of mind.



## COASTAL STAINLESS STEEL RANGE

The high-quality window handles from Coastal offer a sleek, contemporary look with no compromise on security.

The **super slim design** flawlessly complements the aluminium windows, while the **lockable system** is ideal for those safety-conscious homeowners.

The handles are manufactured from solid **316 Marine Grade Stainless Steel**, which is also available in PVD Satin Black Finish.







**10**  
YEAR  
GUARANTEE

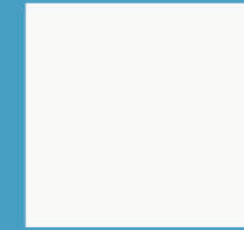
**PAS24**  
COMPLIANT

**SUPER-  
SLIM**  
SASH

## Colours

Our windows 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.



White  
RAL9016



Anthracite  
Grey RAL7016



Black  
RAL9005



Grey Out/  
White In



Black Out/  
White In



Bespoke RAL  
colour

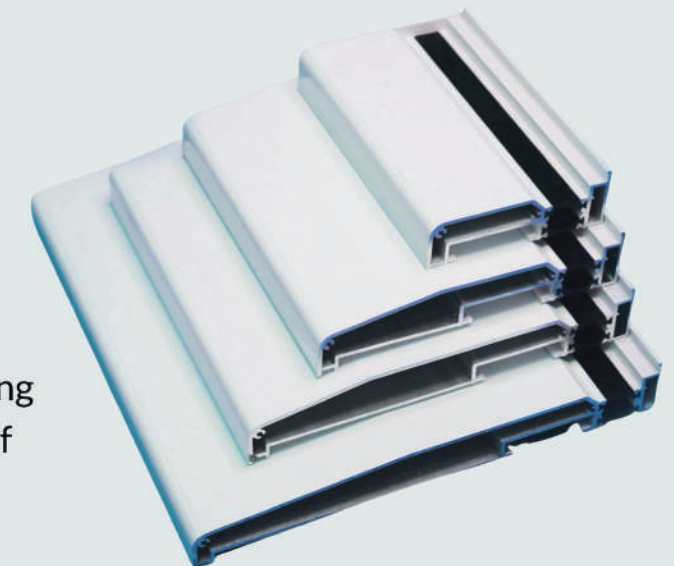
## Universal Aluminium Cills

Our range of universal **aluminium cills with screw ports** are compatible with most other door and window systems, including our ACW81 window system. They effectively direct water away from brickwork while providing an additional design element to the aesthetics of the window.

Our aluminium cill is more robust than PVC alternatives and comes complete with plastic push-in colour-matched end caps in our standard stock colours, for a secure and sleek finish.

Cill sizes are **90mm, 150mm, 190mm** and **230mm**.

Available in Black, White, Anthracite Grey, textured mill finish, and dual colours of White/Anthracite Grey and Black/White, and can also be powder coated in any RAL colour.





## Thermal Efficiency

The ACW81 system exceeds Part L compliance with a WER rating of A, and new built requirement of 1.4 W/(m<sup>2</sup>k) is achieved when combined with energy efficient glass.

## Weather Resistance

Excellent weather sealing is achieved using specially designed **perimeter seals**, with the option of **weather piles** for lower thresholds. Weather tightness tested to British standards.

## Low Maintenance

Our **low maintenance** aluminium windows are strong, durable and highly **corrosion resistant**. Unlike timber, they don't need painting or staining to keep them **weatherproof**, and they won't rust or corrode. They will also never rot, peel or flake.

## Maximum Vision

The **ACW81 Window** is designed to collaborate all our aluminium products. The **super slim sashes** are a great option to complement the **slim profile** of our modern bifold and patio doors to make the most of your stunning views.

## DISCOVER MORE

Scan the QR code below to find out more about the fantastic features and benefits that our ACW81 aluminium window system has to offer.



DISCOVER  
MORE>

Point your smart phone camera at the QR code to explore our webpage!





# CREATE YOUR PERFECT WINDOW



## Technical details at a glance:

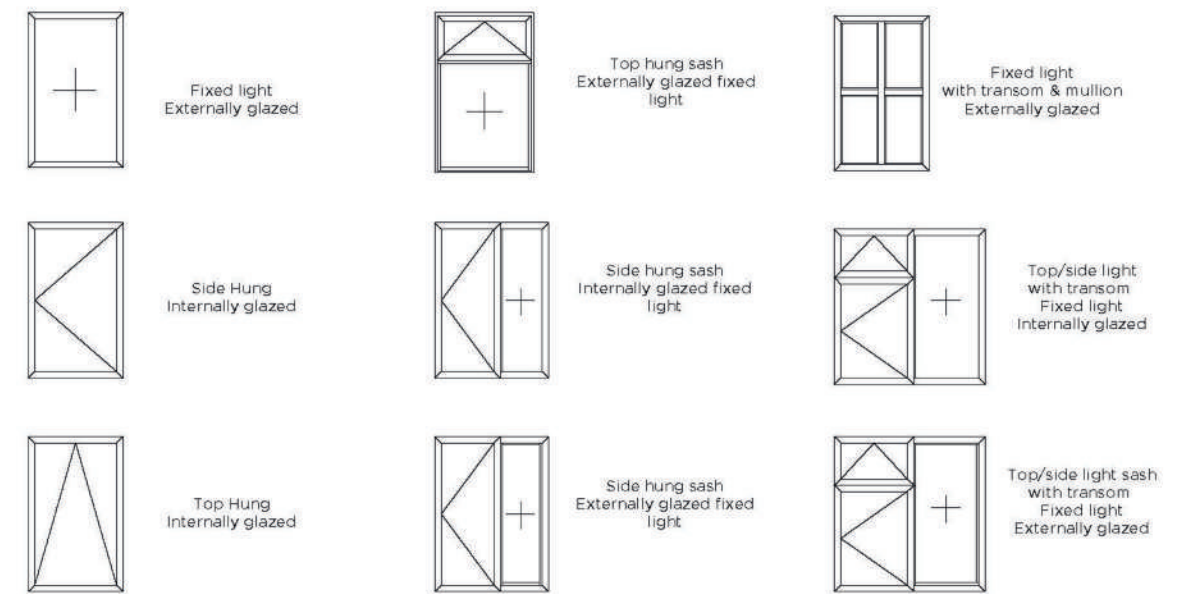
- Maximum sash sizes of 1500mm x 1500mm (top hung) or 900mm (side hung).
- Maximum vision – super slim sash to complement other door systems.
- Window Energy Rating of A which complies to Part L Requirements.
- Maximum security – PAS24:2022 compliant.
- Maximum insulation value – down to 1.4 U W/m2K.
- Maximum weatherproofing – weather tightness air permeability class 4 (600 Pa) & water tightness Class 8A (Side-hung) & Class E1500 (Top-hung).
- Single or dual colour. Factory powder coated to marine quality as per Qualicoat regulations, plus any RAL colour on request.
- Maximum sash weight- 50kg (top hung) & 40kg (side hung).
- Engineering-grade hardware for a smooth opening and closing operation.

## Types of Glazing

The **ACW81 Window** has a variety of glazing options to choose from, with a maximum glazing thickness of **28-44mm** including:

- External glazing
- Reverse adapter
- Dummy sash

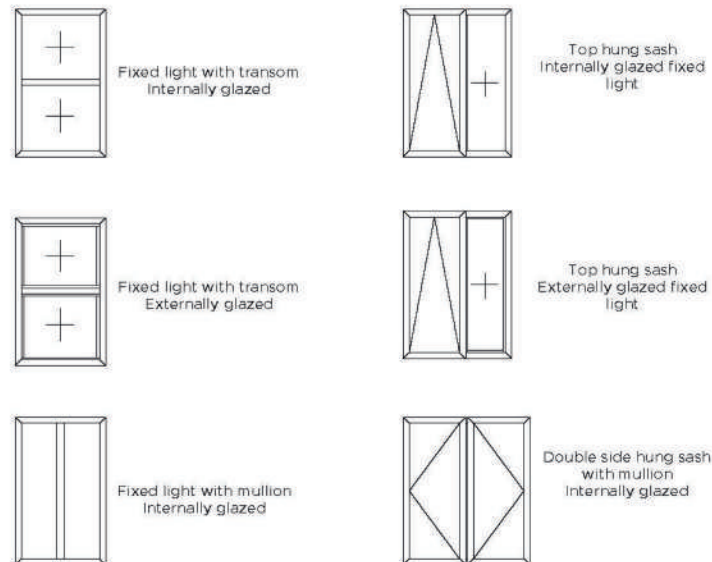
## Typical Window Openings



## Configurations

Some of the most popular applications that can be made from the ALUNA Window system are listed below:

- Can be used as a side light with openers and easily couples to our ALUNA Bifold door system.
- Side-hung opener next to a fixed frame.
- French casement window with double side-hung openers.
- Standard casement window – top opener over a fixed frame.
- Crucifix 4-pane window with 2 top openers over 2 fixed frames.







# Aluminium WINDOWS



Scan the QR code to find our social media channels for all the latest news and inspiring installations.

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