aWindow



SELECTED SMART ALITHERM SYSTEMS



AWINDOW HERITAGE COLLECTION

Windows. Doors. Heritage aluminium systems.

Smart Alitherm Heritage HD windows and Heritage 60 doors, selected, specified and installed by aWindow.

COLLECTION OVERVIEW

The aWindow Smart Heritage collection.

A focused collection of slim aluminium windows and doors for renovation, conservation-sensitive and design-led residential projects.









WINDOWS

Heritage HD

Side-hung, top-hung and fixed aluminium windows with slim heritage sightlines.

DOORS

Heritage 60

Single and double hinged doors with open-in and open-out configurations.

DESIGN

Heritage detailing

Traditional proportions, glazing bars and complementary Art Deco hardware options.

SERVICE

The aWindow process

Survey, specification, quotation, installation and project aftercare.

WINDOW SYSTEM

Alitherm Heritage HD

A slim heritage casement system developed for projects requiring larger opening sash sizes.



WHY THIS SYSTEM

Alitherm Heritage HD provides a modern, high-performance replacement for traditional steel windows while retaining the slim sightlines and proportions expected on Victorian, Edwardian and Art Deco projects.

- Fixed windows and open-out side-hung or top-hung casements.
- Larger opening sash sizes than standard Heritage casement windows.
- Traditional, modern and Art Deco hardware options.
- Single or dual-colour marine-quality powder coating.

KEY PERFORMANCE

1.5 U VALUE W/M²K	WER B ENERGY RATING
52 mm FRAME DEPTH	PAS 24 SECURITY TEST

BEST SUITED TO

Heritage refurbishment, conservation-sensitive elevations and larger opening casements.



SYSTEM DETAILS

Frame depth: 52 mm

Glazing: 24, 28, 32 or 42 mm

Applications: fixed, side-hung, top-hung

Finish: single or dual colour

PROJECT NOTE

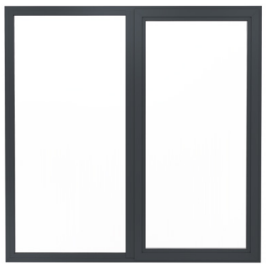
Final system selection is confirmed after survey, opening sizes, glass requirements and planning context are reviewed.

Technical summary based on Smart Systems IMS608AHD.202006 and IMS624AH6.202310. Final specification is project-specific.

WINDOW CONFIGURATIONS

Opening sizes and tested performance.

Maximum sizes depend on sash type, profile selection and hardware. PAS 24-tested limits are shown separately from broader project limits.



FIXED LIGHT



OPENING CASEMENT



52 MM PROFILE

WINDOW TYPE	MAX W	MAX H	MAX WEIGHT	AIR	WATER	WIND
Side hung - PAS 24	600 mm	1400 mm	40 kg	Class 4	7A	AE2400
Side hung*	838 mm	1750 mm	55 kg	TBC	TBC	TBC
Top hung - PAS 24	1400 mm	1300 mm	40 kg	Class 4	7A	AE2400
Top hung*	1750 mm	2500 mm	180 kg	TBC	TBC	TBC

HARDWARE CHARACTER

A complete hardware suite includes contemporary, traditional and Art Deco styles, including Monkey Tail and Bulb options.

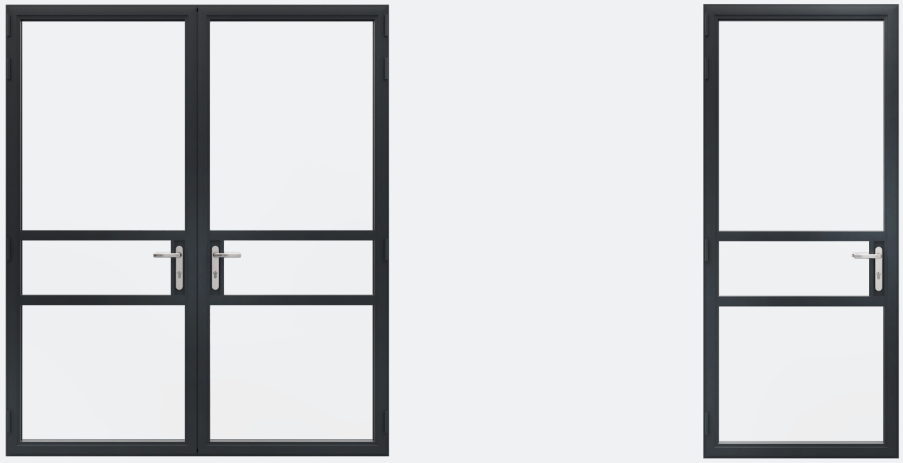
Specified for the project.

Sizes marked * are subject to profile selection, testing and hardware availability. Final dimensions are confirmed by aWindow.

SINGLE & DOUBLE DOORS

Alitherm Heritage 60

A slim, thermally broken hinged door system for heritage renovation and design-led new build projects.



WHY THIS SYSTEM

Heritage 60 complements the Smart Heritage window range with matching slim sightlines and the appearance of traditional steel doors, while providing the performance and low maintenance of aluminium.

- Single and double door formats.
- Open-in and open-out configurations.
- Multi-point locking and gasket glazing.
- Complementary stainless steel, heritage and Art Deco hardware.

KEY PERFORMANCE

1.4 U VALUE DOUBLE	1.1 U VALUE TRIPLE
67.5 mm FRAME DEPTH	PAS 24 SECURITY TEST

BEST SUITED TO

Heritage-style entrances, garden doors, apartment conversions and conservation-sensitive projects.



SYSTEM DETAILS

Maximum leaf: 900 x 2100 mm

Frame depth: 67.5 mm

Glazing: 28, 32, 36 or 42 mm

Finish: single or dual colour

PROJECT NOTE

Threshold detail, opening direction, drainage, hardware and glass are confirmed against the surveyed opening.

Technical summary based on Smart Systems IMS608AHD.202006 and IMS624AH6.202310. Final specification is project-specific.

DOOR PERFORMANCE & DETAILS

Engineered for everyday performance.

Heritage proportions are combined with modern thermal breaks, multi-point locking, gasket glazing and tested weather performance.



HEAD DETAIL



MEETING STILE



THRESHOLD DETAIL

TESTED PERFORMANCE

Class 4	3A / 8A	Class 3	28-42 mm
AIR PERMEABILITY	WATER IN / OUT	WIND RESISTANCE	GLAZING RANGE

GLAZING PERFORMANCE

GLAZING	DSER	TYPICAL U VALUE	GLASS	COMPLIANCE
Triple glazed	A rating with 0.7	1.1 W/m²K with 0.7	28 / 32 / 36 / 42 mm	Document L
Double glazed	C rating with 1.0	1.4 with 0.9 / 1.5 with 1.0	28 / 32 / 36 / 42 mm	Document L

OPENING OPTIONS

Single and double doors are available in open-in and open-out configurations.

Document L compliant.

Final performance depends on glass specification, opening direction and approved configuration.

Technical summary based on Smart Systems IMS608AHD.202006 and IMS624AH6.202310. Final specification is project-specific.

FINISHES & OPTIONS

Colour, hardware and design flexibility.

The final appearance is tailored through finish, glazing-bar layout, hardware and opening configuration.

RAL 9016
WHITE

RAL 7016
ANTHRACITE GREY

RAL 9005
JET BLACK

BRONZE
SELECTED FINISH

HERITAGE
SELECTED COLOUR

WINDOW & DOOR OPTIONS

- Single or dual-colour marine-quality powder coating.
- Fixed, side-hung and top-hung window formats.
- Single or double doors with open-in or open-out operation.
- Glazing bars and heritage proportions selected for the elevation.

HARDWARE & GLAZING

- Contemporary, traditional, Monkey Tail and Bulb hardware options.
- Multi-point locking and complementary stainless steel hardware.
- Double or triple glazing subject to selected system and glass thickness.
- Low-E, solar-control, acoustic, safety and privacy glass by project specification.

WHY AWINDOW

Specified, supplied and installed with care.

01

Consultation & survey

We review the property, opening sizes and design intent.

02

Specification

Systems, glass, colours and thresholds are defined.

03

Manufacture

Approved designs move into manufacture and scheduling.

04

Installation

Installation, adjustment, handover and aftercare.

Technical summary based on Smart Systems IMS608AHD.202006 and IMS624AH6.202310. Final specification is project-specific.



SELECTED SMART ALITHERM SYSTEMS

Heritage aluminium, specified for your home.

For project advice, system selection and a tailored quotation, speak with aWindow.

aWindow.co.uk

Surveyed. Specified. Supplied. Installed.

System names refer to selected Smart Systems ranges. Images are from the supplied Smart brochures. Final specification, dimensions, performance and availability are subject to survey, project design and confirmed quotation.