



VISAGLAZE

Bespoke windows & doors



HERITAGE COLLECTION

Heritage steel-look windows & doors

The slim lines of traditional steel windows with the performance of modern aluminium — from AluK and Smarts, installed by Visaglaze.

The look of steel, the performance of aluminium

Original steel windows are slim, elegant and full of character — but often draughty, cold and corroding. Heritage aluminium systems reproduce those fine sightlines, glazing bars and proportions with thermally broken frames, modern glazing and secure locking.

Where they suit

Listed buildings and conservation areas, 1930s and Art Deco homes, mansion blocks, warehouse conversions — and contemporary kitchens and extensions that want an industrial look.

Like-for-like

Slim frames, putty-line or stepped profiles and Georgian bars match original steel windows closely — often what planners look for in conservation areas.

Modern performance

U-values down to 1.1 W/m²K, multi-point locking, PAS 24 security and powder-coated finishes that won't rust.

The heritage range at a glance

System	Products	Sightline	U-value (W/m ² K)	Security
AluK 58BW ST HI Heritage	Windows	43mm fixed · 66mm frame to vent	1.4 / 1.1	PAS 24, SBD
AluK Heritage door	Single & French doors	51.7mm	1.4	PAS 24:2022 (single)
Smarts Alitherm Heritage	Windows & doors	59mm typical	1.6	PAS 24:2016, Kitemark
Smarts Alitherm Heritage 60	Single & French doors	Slim steel-look	1.4 / 1.1	PAS 24:2016
Smarts Visofold 1000 heritage sash	Bifold doors	122mm typical	1.4	PAS 24:2022*
Smarts AluSpace	Internal doors & screens	35–69.5mm	–	Internal

U-values shown double / triple glazed where both are published. *Subject to final specification.

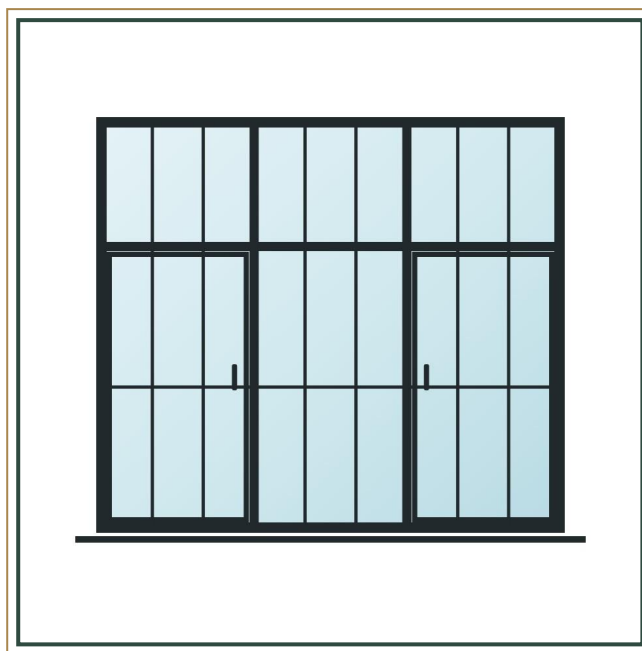


ALUK

58BW ST HI Heritage window

An open-out aluminium casement made to look like a traditional steel window, with the same narrow frames. It shares profiles, beads and parts with the AluK Heritage door, so a whole house can be done in one matching range.

U-value	1.4 W/m ² K double · 1.1 W/m ² K triple
Window Energy Rating	A–B
Sightlines	43mm fixed · 66mm frame to vent · 81mm vent to mullion
Frame depth	58mm and 70mm
Glazing	24–36mm
Max top hung	1436 × 1336mm, 40kg
Max side hung	736 × 1436mm, 24kg
Weather	Air 4 · Water E1500 · Wind E2400
Security	PAS 24; Secured by Design
Green Guide	A



Profile styles

Putty Line

45° chamfer, like a puttied steel window

Stepped Edge

Crisp stepped, Crittall-style vent

Square

Clean, contemporary edge

Exterior Glazed Chamfer

Externally glazed chamfered bead

- ✓ Georgian bar add-ons
- ✓ Odd-leg and equal-leg frames
- ✓ Heritage frames for stone mullions and cills
- ✓ Deep head option for trickle vents

Drawings are illustrative. Layouts and bar patterns are made to order.



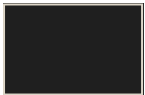
ALUK

Heritage door

A slim steel-look aluminium entrance door, single or French, with 51.7mm sightlines throughout. Add fanlights, sidelights and a slim matching transom to build a full glazed screen — no dummy sashes or astragal bars needed.

U-value	1.4 W/m ² K, Part L compliant
Sightline	51.7mm
Depth	58–70mm
Glazing	24–28mm double glazed
Single door	Open-out, 600 × 1800mm to 1000 × 2300mm
French doors	Open-in, 1200 × 1800mm to 2000 × 2300mm
Max sash weight	65kg
Security	Single door PAS 24:2022 +A1:2024
Locking	Multi-point, lift-lever lock with cylinder; barrel hinges

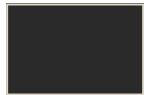
Period handles



Matt Black



Antique Bronze



Heritage Black



Heritage
Pewter



Photo: AluK. Drawings are illustrative. Finish swatches are approximate.



SMARTS

Alitherm Heritage

Slim aluminium windows designed to replace old steel windows, built as stacked horizontal modules with a drip bar between them for an authentic steel look. 316 marine-grade stainless hardware comes in Heritage and Art Deco styles.

- ✓ Side hung, top hung, tilt & turn and fixed
- ✓ Multi-light layouts with transoms and mullions
- ✓ Matching single and French doors
- ✓ Internally or externally beaded
- ✓ Marine-quality powder coat, single or dual colour
- ✓ Cradle to Cradle Certified® Bronze profiles

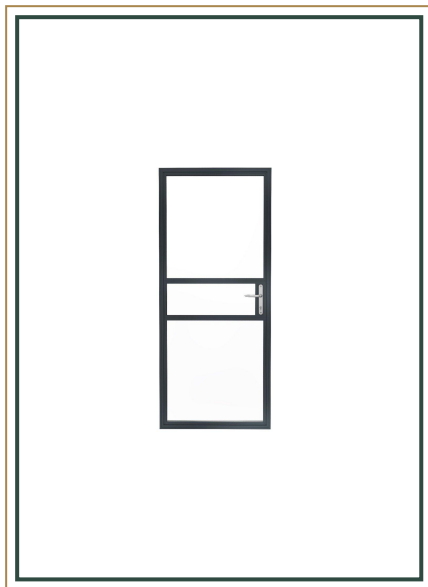
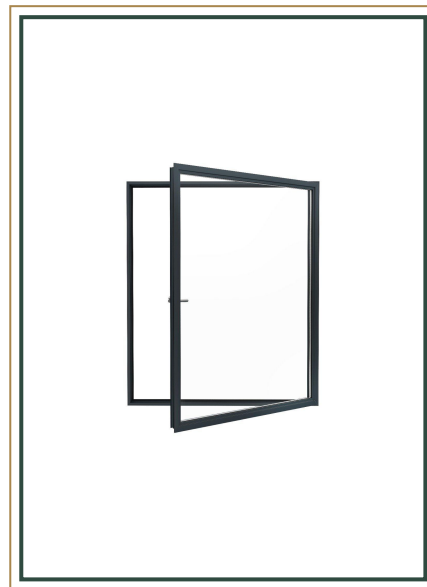
U-value	1.6 W/m ² K
Window Energy Rating	B
Frame depth	47mm
Typical sightline	59mm
Glazing	24–36mm units
Max side hung	600 × 1400mm
Max top hung	1400 × 1400mm
Max fixed / multi-light	2100 × 2100mm
Security	PAS 24:2016 casements and fixed lights; Kitemarked



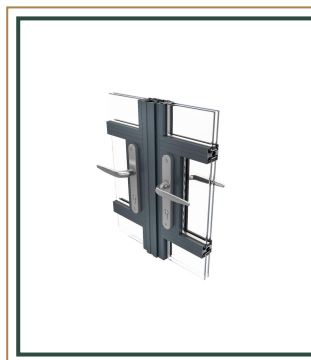
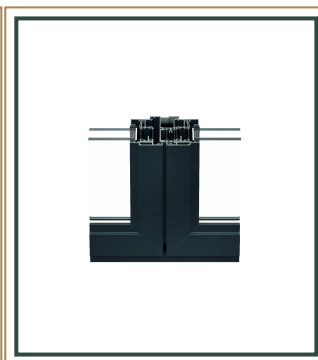
SMARTS

Alitherm Heritage 60 French & single doors

Steel-look doors with an enhanced thermal break, designed as a like-for-like replacement for steel doors on renovations and apartment conversions, and to sit alongside Alitherm Heritage windows.



U-value	1.4 W/m ² K double · 1.1 W/m ² K triple
Door Energy Rating	A (triple glazed)
Frame depth	67.5mm
Glazing	28, 32, 36 or 42mm
Single door	Up to 900 × 2100mm
French doors	Up to 1800 × 2100mm
Opening	Open-in or open-out
Security	PAS 24:2016



- ✓ Multi-point locking
- ✓ Stainless Heritage and Art Deco hardware
- ✓ Suitable for conservation areas



SMARTS

Visofold 1000 heritage sash



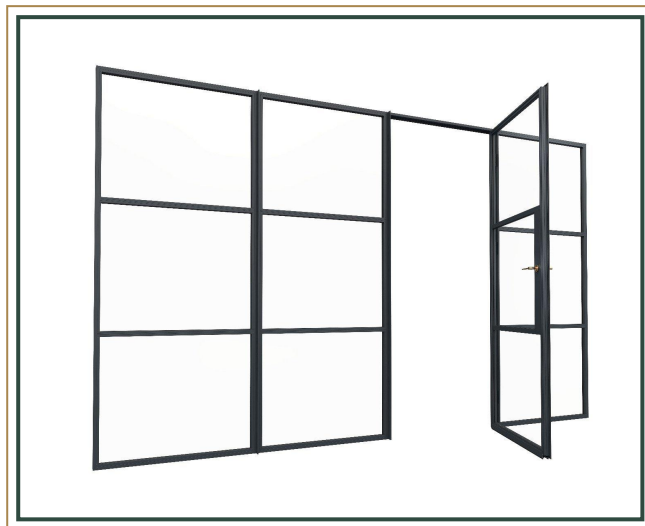
Smarts' 2025 upgrade added the DV225 heritage-style sash, so bifolds can carry the same steel-look detailing as Alitherm Heritage windows and doors.

Max leaf	1200 × 2500mm
U-value	1.4 W/m ² K
Folding	In or out; low or rebated threshold

Prefer the slimmest possible bifold? **Visofold 6000** has a 94mm sightline and a level-access threshold, and looks at home in black alongside heritage glazing.

SMARTS

AluSpace internal doors & screens



Crittall-style internal glazing for kitchens, living spaces and home offices — hinged, pivot, sliding or fixed, with the same slim steel look.

Sightlines	35–69.5mm
Hinged door	Up to 900 × 2200mm
Pivot door	Up to 2000 × 2500mm
Sliding door	Up to 1200 × 2500mm
Fixed screen	Up to 1400 × 2500mm

Getting the details right

Glazing bars

Georgian bars, transoms and mullions recreate the pane layouts of original steel windows. We'll match the bar pattern to the existing windows or the period of the house.

Planning and conservation areas

Slim sightlines and like-for-like detailing are what conservation officers usually look for. We can provide drawings and product details to support an application.

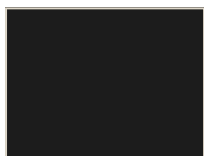
Hardware

Period-style handles in black, bronze and pewter finishes (AluK), and 316 stainless Heritage and Art Deco hardware (Smarts).

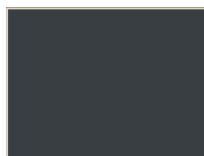
Glass

Double or triple glazing, with toughened or laminated safety glass, obscure and acoustic options.

Popular heritage colours



Black RAL 9005



Anthracite RAL 7016



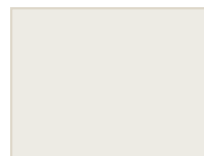
Black-green



Bronze

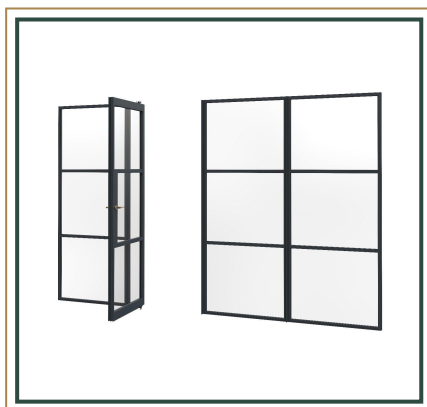
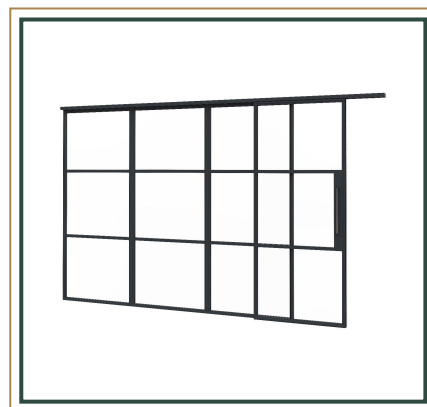


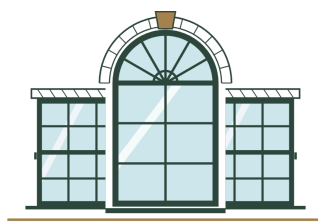
Pewter grey



Off-white

Any RAL colour, textured and dual-colour finishes are available. Printed colours are a guide only.





VISAGLAZE

— ♦ BESPOKE WINDOWS & DOORS ♦ —

Talk to us about your project

We design, supply and install heritage steel-look windows and doors from AluK and Smarts — as well as timber, aluminium, uPVC and structural glass.

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