aWindow



SELECTED CORTIZO SYSTEMS



AWINDOW ALUMINIUM COLLECTION

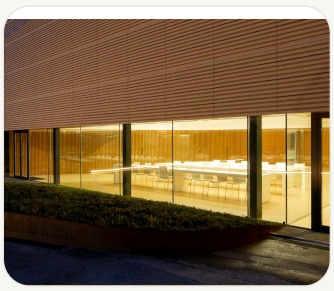
Windows. Doors.
Slimline sliding systems.

COLLECTION OVERVIEW

The aWindow Cortizo collection.

Premium aluminium windows, casement windows, entrance doors, bifolds and sliding systems for contemporary homes.






WINDOWS

Windows

COR 70 Industrial
COR 80 Hidden Sash
COR 70 Hidden Sash

Thermally broken hinged systems for complete window packages.

CASEMENT

Casement

Cortizo Casement

Outward-opening side-hung and top-hung aluminium windows for the UK market.

DOORS & BIFOLDS

Doors & Bifolds

Millennium Plus 80 Door
Bi-Fold
Bi-Fold Plus

Entrance and wide-opening folding solutions.

SLIDING SYSTEMS

Sliding Systems

COR Vision
COR Vision Plus
COR Vision Evolution
4700 In-line Slider / Lift & Slide
From 20 mm minimalist interlocks to versatile lift-and-slide configurations.

WINDOW SYSTEM

COR 70 Industrial

A high-performance 70 mm platform for windows, balcony doors and door-style openings.



WHY THIS SYSTEM

The workhorse of the selected range. COR 70 Industrial combines a deep thermally broken frame with broad opening flexibility, strong weather performance and a wide glazing capacity.

- Inward and outward-opening formats, including tilt-and-turn and top-hung.
- Up to 63 mm glazing for high-performance, acoustic or triple-glazed specifications.
- Concealed drainage and concealed-hardware options.
- RC2 burglary-resistance option and PAS 24-tested configurations.

KEY PERFORMANCE

0.76 UW FROM W/M²K	44 dB ACOUSTIC UP TO
E1800 WATER TIGHTNESS	C5 WIND RESISTANCE

BEST SUITED TO

Whole-house aluminium window packages, robust balcony doors and mixed fixed/opening elevations.



Cor 70 Industrial - Concealed drainage solutio

SYSTEM DETAILS

Frame / sash: 70 / 78 mm

Glazing: 6-63 mm

Maximum sash: 1500 x 2600 mm

Maximum sash weight: 160 kg

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

WINDOW SYSTEM

COR 80 Hidden Sash

A concealed-sash window with a 66 mm visible sightline and exceptional insulation.



WHY THIS SYSTEM

The opening sash sits behind the frame from the exterior, creating the appearance of a fixed light while retaining full inward-opening functionality.

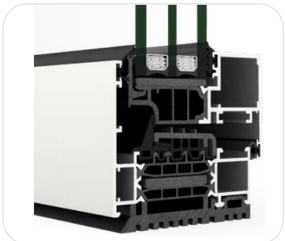
- 66 mm sightline and optional ARCH INVISIBLE integrated handle.
- Concealed hinges and drainage support a calm, uninterrupted façade.
- Up to 51 mm glazing for high-performance double or triple glazing.
- HD side-hung solution reaches 3500 mm height.

KEY PERFORMANCE

0.71 UW FROM W/M²K	46 dB ACOUSTIC UP TO
E1650 WATER TIGHTNESS	C5 WIND RESISTANCE

BEST SUITED TO

Premium minimalist window packages where visual continuity and high thermal performance matter.



SYSTEM DETAILS

Frame / sash: 80 / 80 mm

Glazing: 36-51 mm

Standard sash: 1300 x 2400 mm

HD sash: up to 1200 x 3500 mm / 160 kg

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

WINDOW SYSTEM

COR 70 Hidden Sash

Minimal hidden-sash aesthetics in a versatile 70 mm system.



WHY THIS SYSTEM

COR 70 Hidden Sash reduces the visible aluminium to a 66 mm sightline and combines modern minimalism with practical fabrication and strong weather performance.

- Standard hidden-sash and half-hidden solutions.
- Concealed handle, hinges and drainage options.
- Up to 40 mm glazing in the hidden-sash version.
- Side-hung, tilt-and-turn, bottom-hung and parallel-opening formats.

KEY PERFORMANCE

0.84 UW FROM W/M²K	46 dB ACOUSTIC UP TO
E1800 WATER TIGHTNESS	66 mm VISIBLE SIGHTLINE

BEST SUITED TO

Contemporary elevations needing slim framing without moving to an ultra-deep system.



COR 70 Hidden Sash
Sightlines

SYSTEM DETAILS

Frame / sash: 70 / 70 mm

Glazing: 26-40 mm

Standard sash: 1300 x 2400 mm

HD sash: up to 1200 x 3500 mm / 160 kg

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

OUTWARD-OPENING WINDOW

Cortizo Casement

British-style outward-opening aluminium windows with PAS 24 security testing.



WHY THIS SYSTEM

Designed specifically for side-hung and top-hung outward opening, Cortizo Casement combines a 70 mm thermally broken frame with slim and heavy-duty sash options.

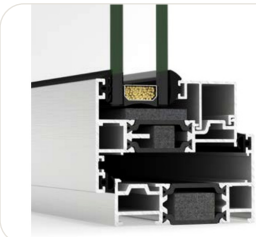
- Side-hung and top-hung outward-opening configurations.
- Slim and heavy-duty sash variants for different sizes and weights.
- Standard and flush aesthetic options.
- Designed specifically for the UK market.

KEY PERFORMANCE

0.90 UW FROM W/M²K	45 dB ACOUSTIC UP TO
E1200 WATER TIGHTNESS	PAS 24 SECURITY TEST

BEST SUITED TO

Bedrooms, bathrooms and traditional UK elevations requiring outward-opening aluminium windows.



SYSTEM DETAILS

Frame / sash: 70 / 70 mm

Glazing: 23-44 mm

Heavy-duty top hung: up to 1800 x 1800 mm

Maximum sash weight: up to 100 kg

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

ENTRANCE DOOR

Millennium Plus 80 Door

A flush 80 mm entrance door system for premium residential and commercial entrances.



WHY THIS SYSTEM

Straight lines, robust 2 mm aluminium construction and broad glazing or panel possibilities give Millennium Plus 80 Door a strong architectural presence.

- Inward, outward and automatic side-hung configurations.
- Concealed-hinge option for a clean flush appearance.
- Up to 64 mm glazing and large-format door leaves.
- Tested to one million opening and closing cycles.

KEY PERFORMANCE

0.80 UD FROM W/M²K	40 dB ACOUSTIC UP TO
220 kg MAXIMUM SASH	RC2 BURGLARY RESISTANCE

BEST SUITED TO

Statement entrance doors, glazed commercial entrances and premium residential front doors.



SYSTEM DETAILS

Frame / sash: 80 / 80 mm

Glazing: 15-64 mm

Maximum door: 1800 x 3000 mm

Concealed-hinge door: 1500 x 3000 mm

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

BI-FOLD DOOR

Bi-Fold

A practical folding system for generous openings in moderate climates.



WHY THIS SYSTEM

The 73 mm Bi-Fold system opens rooms to terraces and gardens using inward- or outward-folding leaves in configurations of up to 14 sashes.

- Inward or outward folding, from 1 to 14 sashes.
- 90-degree corner configuration without a mullion.
- Up to 45 mm glazing and 120 kg per sash.
- PAS 24-tested security configuration.

KEY PERFORMANCE

0.97 UD FROM W/M²K	9A WATER TIGHTNESS
14 MAXIMUM SASHES	120 kg PER SASH

BEST SUITED TO

Garden rooms, extensions and wide openings where a practical folding solution is required.



SYSTEM DETAILS

Frame / sash: 73 / 73 mm

Glazing: 25-45 mm

Maximum sash: 1200 x 3000 mm

Maximum sash weight: 120 kg

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

BI-FOLD DOOR

Bi-Fold Plus

The higher-performance folding system for premium wide-opening projects.



WHY THIS SYSTEM

Bi-Fold Plus upgrades the folding concept with an 80 mm frame, 45 mm thermal breaks and a refined 110 mm central section.

- Up to 14 inward- or outward-folding sashes.
- 90-degree corner sash without a mullion.
- Up to 48 mm glazing and 120 kg per sash.
- Improved thermal and acoustic performance for premium applications.

KEY PERFORMANCE

0.78 UD FROM W/M²K	E750 WATER TIGHTNESS
110 mm CENTRAL SECTION	14 MAXIMUM SASHES

BEST SUITED TO

Premium extensions and large residential openings where performance and refined detailing are priorities.



SYSTEM DETAILS

Frame / sash: 80 / 80 mm

Glazing: 25-48 mm

Maximum sash: 1200 x 3000 mm

Maximum sash weight: 120 kg

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

MINIMAL SLIDING SYSTEM

COR Vision

The original 20 mm minimalist slider for expansive glass and very slim interlocks.



WHY THIS SYSTEM

COR Vision hides the perimeter frame where the build-up permits and reduces the central meeting stile to only 20 mm.

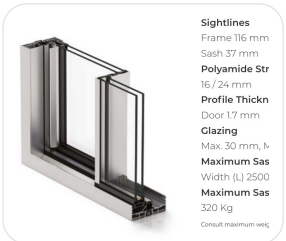
- One, two or three rails with pocket and 90-degree corner possibilities.
- Inlaid or interlock locking options support a clean frontal view.
- Up to 2500 x 3000 mm per sash.
- Designed for maximum light with minimal visible aluminium.

KEY PERFORMANCE

20 mm INTERLOCK SIGHTLINE	1.30 UW FROM W/M²K
41 dB ACOUSTIC UP TO	320 kg MAXIMUM SASH

BEST SUITED TO

Large residential openings where the smallest central sightline is the main design priority.



SYSTEM DETAILS

Frame: 116 mm / 182 mm (3 rails)

Sash: 37 mm

Glazing: 26-30 mm

Maximum sash: 2500 x 3000 mm

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

LARGE-FORMAT MINIMAL SLIDER

COR Vision Plus

Large-format minimal sliding with 25 mm interlocks and up to 94% glazed area.



WHY THIS SYSTEM

COR Vision Plus is designed for very large openings, with embedded perimeter frames, hidden-track possibilities and manual or motorised operation.

- Sashes up to 4000 x 4000 mm and 14 m² glazed area.
- Up to four rails, pocket solutions and mullion-free 90-degree corners.
- Hidden rail and fully integrated floor-track options.
- Up to 400 kg manual or 700 kg motorised sash weight.

KEY PERFORMANCE

25 mm INTERLOCK SIGHTLINE	0.90 UW FROM W/M²K
94% GLAZED SURFACE UP TO	700 kg MOTORISED SASH

BEST SUITED TO

Exceptional large-format openings, premium extensions and architectural projects requiring concealed frames.



SYSTEM DETAILS

Frame: 180 mm / 278 mm (3 rails)

Sash: 69 mm

Glazing: 36-56 mm

Maximum sash: 4000 x 4000 mm

PROJECT NOTE

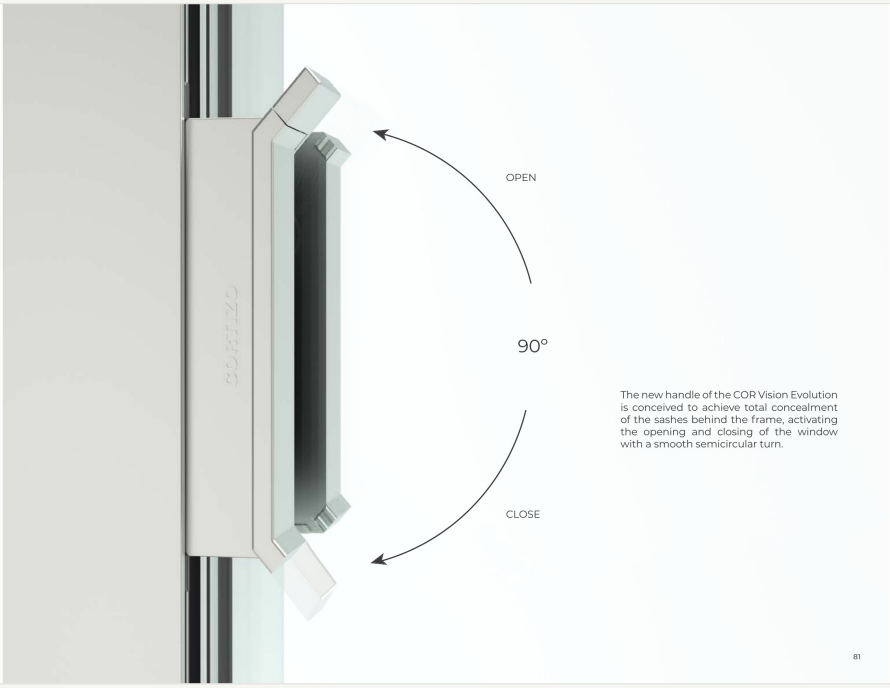
System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

PANORAMIC SLIDING SYSTEM

COR Vision Evolution

A fully concealed-sash evolution of the panoramic COR Vision concept.



WHY THIS SYSTEM

The sash disappears behind the frame from the frontal view, while a dedicated 90-degree rotating handle controls opening and closing.

- 62 mm lateral sightline with full sash concealment.
- One to four rails, pocket solutions and mullion-free 90-degree corners.
- Up to 3500 x 3500 mm sash dimensions.
- Dedicated concealed-handle mechanism.

KEY PERFORMANCE

25 mm INTERLOCK SIGHTLINE	0.88 UW FROM W/M²K
43 dB ACOUSTIC UP TO	500 kg MAXIMUM SASH

BEST SUITED TO

Highly refined panoramic openings where the closing sash should visually disappear into the frame.



SYSTEM DETAILS

Frame: 160 / 248 / 336 mm

Glazing: 28-44 mm

Maximum sash: 3500 x 3500 mm

Maximum sash weight: 500 kg

PROJECT NOTE

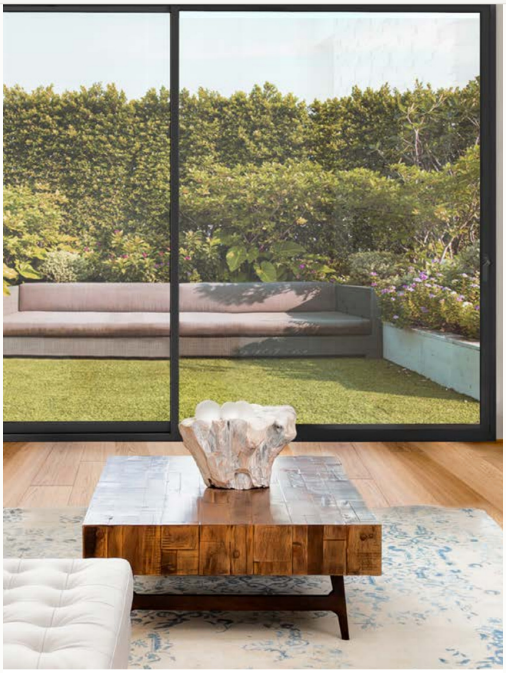
System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

VERSATILE SLIDING SYSTEM

4700 In-line Slider / Lift & Slide

A versatile straight-lined slider available as in-line sliding or lift-and-slide.



WHY THIS SYSTEM

The 4700 closes large spans with a balanced mix of everyday practicality, thermal performance and broad configuration choice.

- One rail with fixed light, or two, three and four-rail layouts.
- In-line and lift-and-slide operating versions.
- Galandage / pocket configurations available.
- Up to 2500 x 3000 mm per sash.

KEY PERFORMANCE

1.00 UW FROM W/M²K	40 dB ACOUSTIC UP TO
300 kg LIFT-AND-SLIDE SASH	4 RAILS AVAILABLE

BEST SUITED TO

Versatile residential openings requiring a conventional slider or lift-and-slide with broad layout flexibility.



SYSTEM DETAILS

Frame: 115 / 120 mm; 185 mm (3 rails)

Sash: 50 mm

Glazing: 26-36 mm

Max weight: 280 kg in-line / 300 kg lift-slide

PROJECT NOTE

System selection is confirmed after survey, opening sizes, glass requirements, threshold detail and structural conditions are reviewed.

Technical summary based on Cortizo Contemporary Enclosures 11/2025. Final specification is project-specific.

FINISHES & OPTIONS

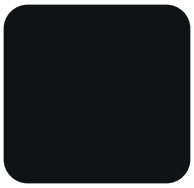
Colour, glass and design flexibility.

The final appearance and performance are tailored through finish, glazing, hardware and configuration choices.

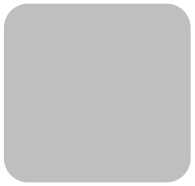
RAL 9016
White



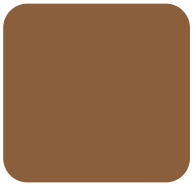
RAL 7016
Anthracite Grey



RAL 9005
Jet Black



ANODISED
Metallic silver



WOOD EFFECT
Selected finishes

GLAZING OPTIONS

Glazing Options

- Energy-efficient double glazing
- Triple glazing where system capacity permits
- Solar-control and low-E coatings
- Acoustic laminated glass
- Toughened, laminated and safety glass
- Privacy / obscure glass and warm-edge spacers

DESIGN & HARDWARE

Design & Hardware

- Single or dual-colour finishes
- Fixed, side-hung, top-hung and tilt-and-turn formats
- Pocket, corner, multi-rail and bifold configurations
- Concealed hinges, handles and drainage where available
- Security locks, restrictors and ventilation options
- Low or flush thresholds subject to drainage and build-up

Finish availability: the full Cortizo powder-coated and anodised range is broader than the five popular examples shown above. Final colour, texture, marine-grade treatment, dual-colour capability and lead time are confirmed against the selected system and supplier.

WHY AWINDOW

Specified, supplied and installed with care.

A measured process from first survey to final handover - with the product, glass and installation detail considered together.

01

Consultation & survey

We review the property, design intent, access, opening sizes and the most suitable product family.

02

Detailed specification & quotation

You receive a clear itemised proposal covering systems, glass, colours, thresholds, lead times and installation scope.

03

Manufacture & scheduling

Approved designs move into manufacture, with delivery and installation coordinated around the project programme.

04

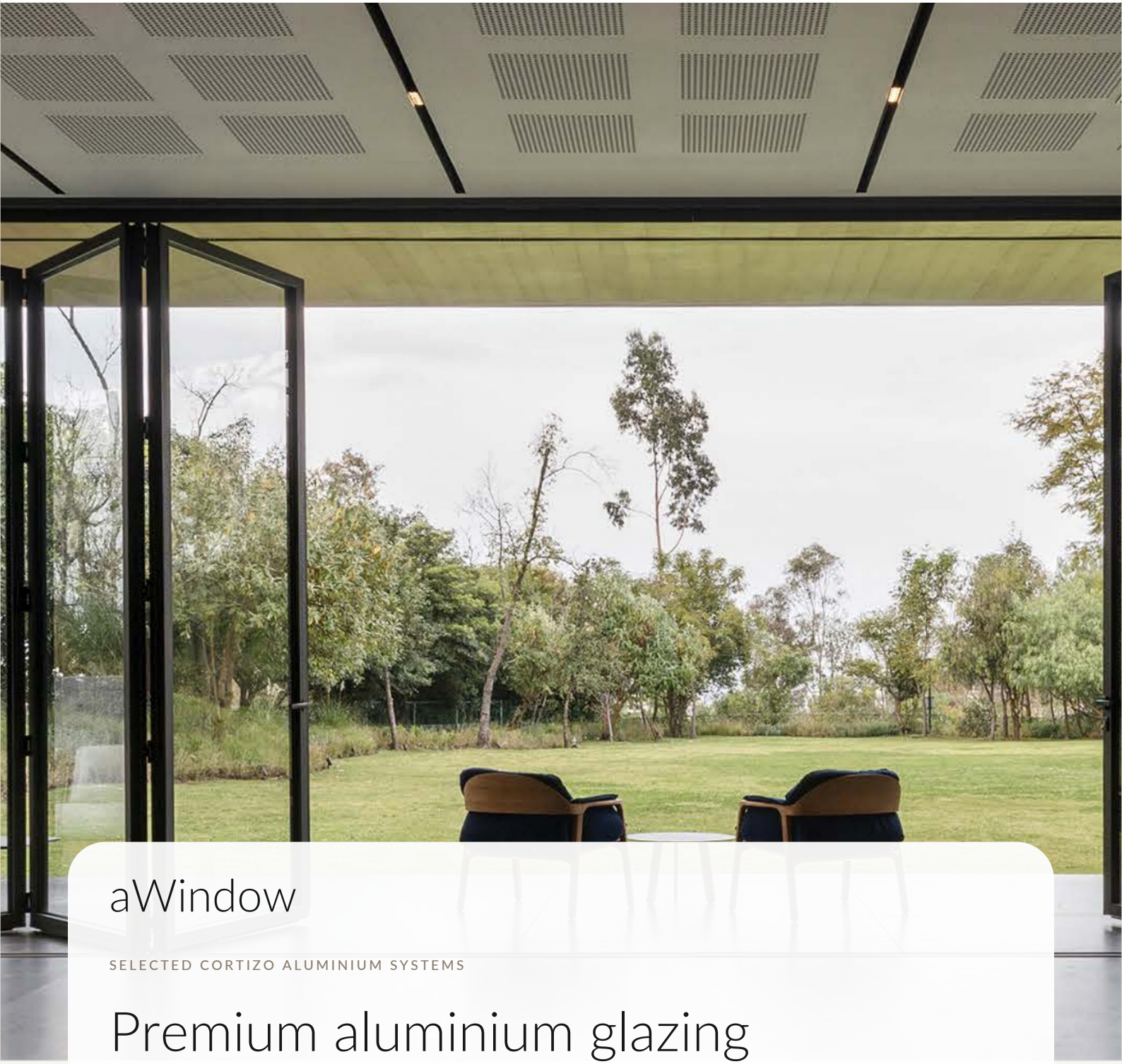
Installation & handover

Experienced installers complete the agreed work, finishing, adjustment, demonstration and final handover.

AFTERCARE & WARRANTY

10-year aluminium systems 5-year sealed units 12-month installation

Subject to the final quotation, product terms, correct use and maintenance.



aWindow

SELECTED CORTIZO ALUMINIUM SYSTEMS

Premium aluminium glazing for contemporary homes.

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

aWindow.co.uk

Surveyed. Specified. Supplied. Installed.

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