



TOTAL
Aluminium Solutions



CORTIZO

THE CORTIZO RANGE





- Bi-Fold Doors
- Sliding Doors
- Glass Doors
- Front Doors
- Windows



Bi-Fold Doors



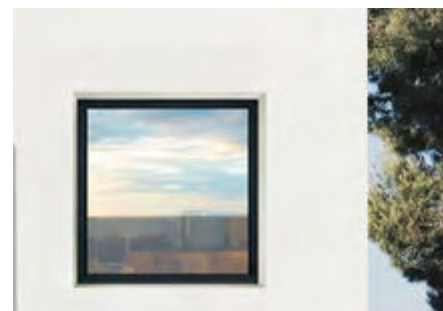
Sliding Doors



Swing Doors



Front Doors



Windows

For more information, video content and downloads visit our website **www.total-as.com** or scan the QR code..

We regularly update the website with new product lines, case studies and news.



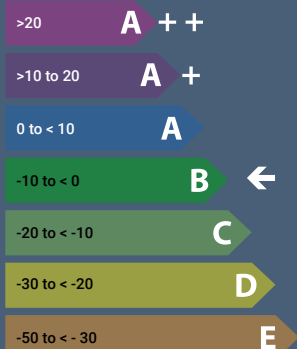
CORTIZO have some of the most beautiful and flexible systems available today.

Choose from contemporary windows, super size minimalist sliding doors or open up entire spaces with bi-fold doors.

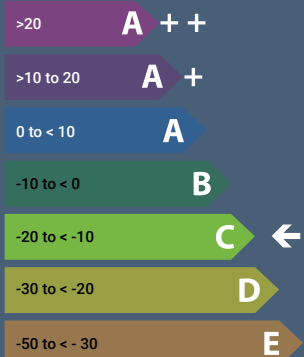
All CORTIZO systems are tested under laboratory conditions at their Technology Centre to guarantee the best performance of water tightness, air permeability and wind resistance, guaranteed by obtaining the maximum results in their test classifications.



Visit www.total-as.com for more information



Triple glazing



Double glazing

• **Bi-Fold Doors**

CORTIZO 120 - BI-FOLD SYSTEM



Sight-lines

Jamb 100mm, Meeting Stile 120mm

Polyamide Strip Length

Frame 20mm

Sash 30mm

Profile Thickness

Door 1.8mm

Glazing

Max. 45mm, Min 25mm

Maximum Sash Dimensions

Width (L) 1200mm, Height (H) 3000mm

Maximum Sash Weight

120 kg

Consult maximum weight and dimensions according to typologies

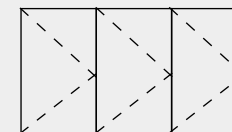


FEATURES

U value		$U_w > 1.7 \text{ (W/m}^2\text{K)}$
Air permeability		Class 4
Water tightness		Class 7A
Wind resistance		Class C5
Security test	PAS24 	Passed

*Double Glazing UG= 1.1 Wind Resistance: reference test 2.700 x 7.530m / 3 sashes
Security test: configuration 330.2701 x 2517 mm / 3 sashes

OPENING CONFIGURATIONS



Inward
Up to 14 sashes

Outward
Up to 14 sashes
90o corner sash without mullion

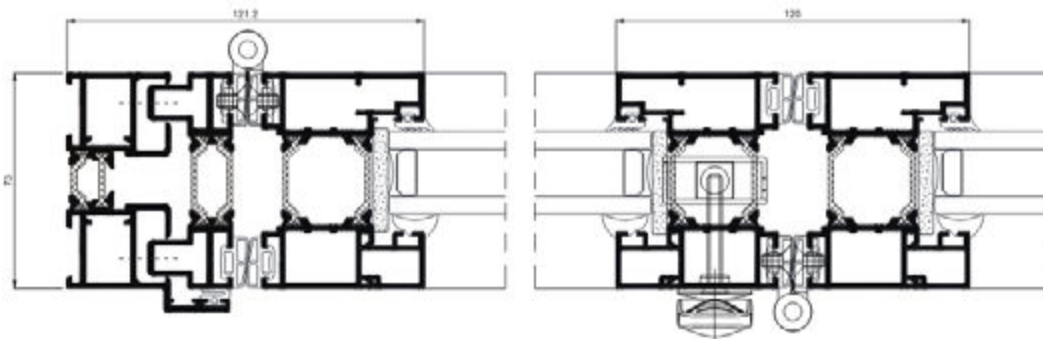
POSSIBILITIES



SECURITY
HARDWARE



CONCEALED
HINGES



120mm

Bi-fold door system with 73mm of frame depth and optimal thermal and acoustic performances, ideal for moderate climates.

- Maximum sizes 1200mm (w) x 3000mm (h)
- Open corner solutions
- Up to 14 sashes
- Adjustable jamb available
- High security

Visit www.total-as.com for more information

CORTIZO 4700 - SLIDING DOOR SYSTEM



Glazing

28mm - 36mm

Max sash dimensions

Width-2500mm Height-3000mm

Max weight / sash

280Kg

Sections

2 Track Depth-120mm

3 Track Depth-185mm

Interlock-50mm

2,3,4 & 6 Panel Options

Colours

Stock - Anthracite Grey, Black & Gloss White.

Standard RAL colours and dual colours available.

Security

PAS24 security upgrade available

Bead

Fast knock in bead for 28mm sealed units as standard

>20	A	++	
>10 to 20	A	+	
0 to < 10	A		
-10 to < 0	B		
-20 to < -10	C		←
-30 to < -20	D		
-50 to < -30	E		

Double Glazed

>20	A	++	
>10 to 20	A	+	
0 to < 10	A		
-10 to < 0	B		←
-20 to < -10	C		
-30 to < -20	D		
-50 to < -30	E		

Triple Glazed

- Sliding Doors



FEATURES

U value (I)



$U_w > 1.4$ (W/m²K)

Acoustic insulation



R_w up to 40dB

Air permeability



Class 3

Water tightness



Class 7A

Wind resistance



Class C5

Security test

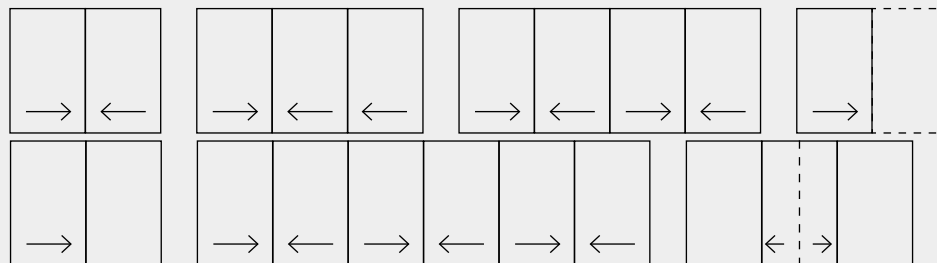
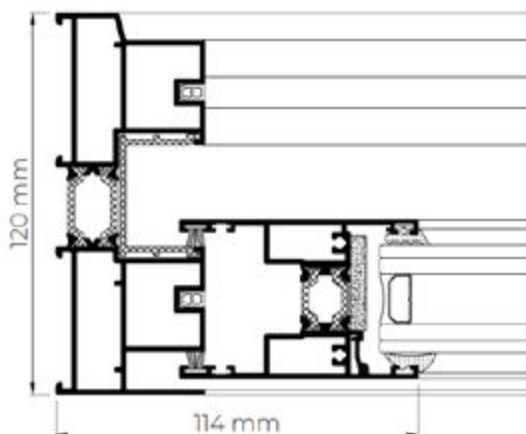
PAS24



Available

Double glazing $U_g = 1.0$ / Triple glazing $U_g = 0.7$ - (I) Two sashes 5 m x 3 m

OPENING CONFIGURATIONS



Sliding

1 rail (1 sash + 1 fixed light)

2,3 & 4 rails.

Accessibility possibility

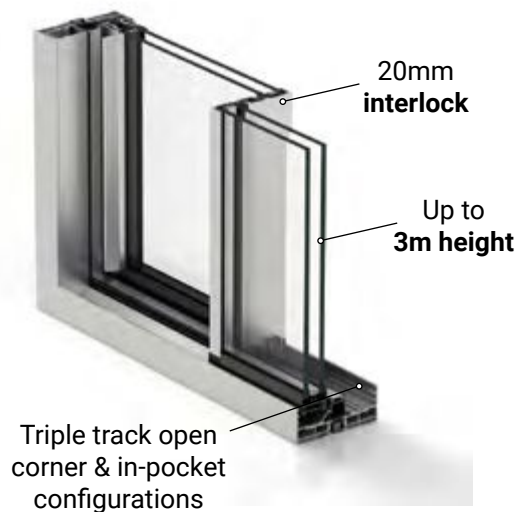


This sliding system, available in a wide variety of configurations, is an ideal solution for projects with large open spans spans.

It presents modern aesthetics in straight lines, a reduced interlock section and large glazed surfaces that ensure bright and comfortable areas, due to its thermal and acoustic performance.

Visit www.total-as.com for more information

CORVISION SLIDING DOOR SYSTEM



Sight-lines

Frame depth 116mm / 182mm 3 rails
Sash depth 37mm
Interlock 20mm

Polyamide Strip Length

16 / 24 mm

Profile Thickness

Door 1.7mm

Glazing

Max 30mm, Min 26mm

Maximum Sash Dimensions

Width (L) 2500mm, Height (H) 3000mm

Maximum Sash Weight

320 kg

Consult maximum weight and dimensions according to typologies

>20 **A ++**

>10 to 20 **A +**

0 to < 10 **A ←**

-10 to < 0 **B**

-20 to < -10 **C**

-30 to < -20 **D**

-50 to < -30 **E**

Double glazing

- Sliding Doors

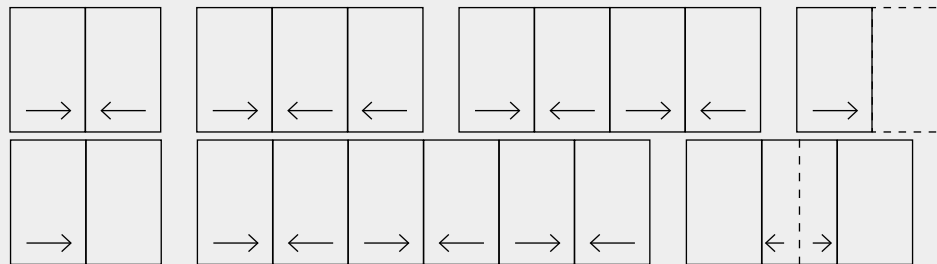


FEATURES

U value		Uw>1.1 (W/m²K)
Acoustic insulation		Rw up to 41dB
Air permeability		Class 4
Water tightness		Class 9A
Wind resistance		Class A
Security test	PAS24 	Passed

Reference test 1.23 x 1.55m / 1 sash + 1 fixed light

OPENING CONFIGURATIONS



Sliding

Possibility of interior and exterior corner sash at 90° without mullion

Pocket possibility

Accessibility possibility



Thermally broken minimalist sliding system that provides maximum luminosity with a minimal aluminium interlock profile. It has an elegant design only 20 mm sight-line and offers the option of an inlaid closing system and of hiding the frame along the perimeter.

Options of locking system in the interlock thus allowing the concealment of the sashes in the frame from a frontal view.

Option of embedded locking system which facilitates the sashes crossing.

Visit www.total-as.com for more information

CORVISION+ SLIDING DOOR SYSTEM



System Options

Sliding of 2, 4 or 6 sashes
Up to 4 rail configurations
1 sash + 1 fixed / 2 sashes + 1 fixed
Possibility of corner sash encounters at 90° without mullions
Pocket solution possibility 1,2,3, and 4 sashes

Finishes

Possibility of dual colour systems
Colour powder coating (RAL, mottled and rough)
Wood effect powder coating
Anti-bacterial powder coating
Anodised

Sections

Frame – 180 mm – 278 mm 3 rails
Sash – 69 mm

Polyamide Strip Length -18 / 40 mm

Profile Thickness - Door 2.0mm

Glazing - Max 56mm

Maximum Sash Dimensions

Width (L) 4000mm, Height (H) 4000mm –
Glass surface ≤ 14 m²

Maximum Sash Weight

400 kg Manual, 750 kg motorised
Consult maximum weight and dimensions according to typologies

>20	A ++	
>10 to 20	A +	
0 to < 10	A	
-10 to < 0	B	
-20 to < -10	C	←
-30 to < -20	D	
-50 to < -30	E	
Double Glazed		

>20	A ++	
>10 to 20	A +	
0 to < 10	A	←
-10 to < 0	B	
-20 to < -10	C	
-30 to < -20	D	
-50 to < -30	E	
Triple Glazed		

- Sliding Doors



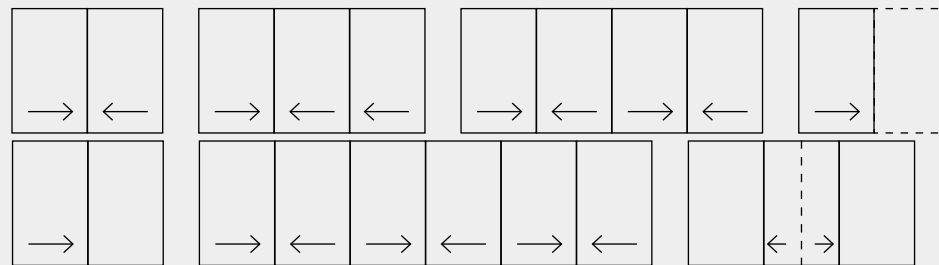
FEATURES

U value		Uw>0.9 (W/m²K)
Acoustic insulation		Rw up to 43dB
Air permeability		Class 4
Water tightness		Class 7A* / 9A*
Wind resistance		Class C3* / C4**
Security test	PAS24 	Passed

* Reference test balcony 4.00 x 3.00m / 2 sashes

** Reference test balcony 4.00 x 3.00m / 1 sash + 1 fixed light

OPENING CONFIGURATIONS



Sliding

Possibility of interior and exterior corner sash at 90° without mullion

Pocket possibility

Accessibility possibility

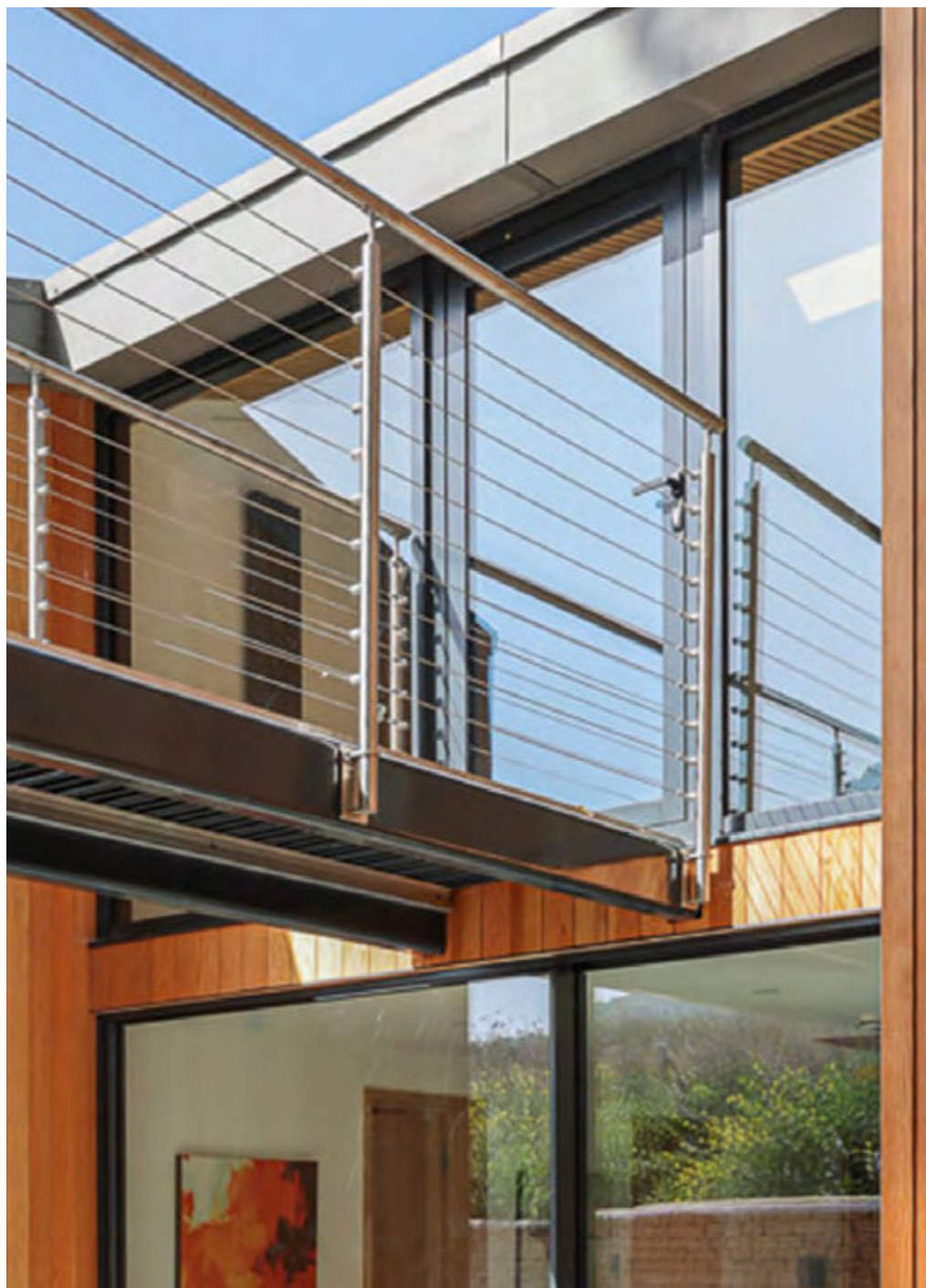


Supersize your glass door options with Corvision Plus, suitable for sash dimensions up to a massive 4m width or height. This minimalist system has visible profile sections of just 25mm which allows coverage of huge openings with a glass surface of 94% and still maintains outstanding thermal and acoustic performance.

- Minimalist sliding system specially suitable for large dimensions (up to 4,000 mm/sash of width or height)
- Possible to cover great openings with a glass surface of 94%
- Visible section of just 25 mm
- Outstanding thermal and acoustic performance

Visit www.total-as.com for more information

CORTIZO MILLENIUM+ 70 SWING DOORS



>20	A ++
>10 to 20	A +
0 to < 10	A ←
-10 to < 0	B
-20 to < -10	C
-30 to < -20	D
-50 to < -30	E

Double glazing

- Sliding Doors

System Options

Maximum glazing thickness – 54 mm

Opening possibilities

Open In – Side hung 1 or 2 sashes

Open Out – Side hung 1 or 2 sashes

Automatic opening – Internal and external
hinged single sash

Sections – Frame – 70 mm / Sash – 70 mm

Profile thickness – Door 2.0 mm

Polyamide strip length – 24 mm

Maximum dimensions/sash

Width (L) = 1,800 mm

Height (H) = 3,000 mm

Door

Width (L) = 1,500 mm

Height (H) = 3,000 mm

Hidden hinges door

Maximum weight/sash – 220 kg

Please consult regarding maximum weight and dimensions
according to types

Finishes

Stock - Anthracite Grey, Black & Gloss White.
Standard RAL colours and dual colours
available.



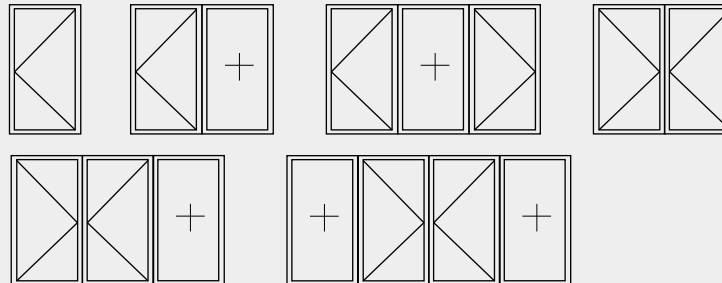
FEATURES

U value		Uw>0.9 (W/m²K)
Acoustic insulation		Rw up to 38dB
Air permeability		Class 4
Water tightness		Class 6A (EN12208)
Wind resistance		Class C4 (EN12210)*
Security test	PAS24 	Passed

* Reference test door 1.20 x 2.30m 1 Sash



OPENING CONFIGURATIONS



POSSIBILITIES



SECURITY
HARDWARE



AUTOMATION
OPTIONS

Ideal for both residential and commercial projects the Millennium Plus 70 is designed to enhance modern architectures, Aluminium Doors feature a coplanar system and a 70mm frame that epitomizes elegance and simplicity.

These doors excel in both form and function, complying with the stringent EN 179 & 1125 standards for emergency exits and anti-panic features, ensuring robust performance and reliability.

Visit www.total-as.com for more information

CORTIZO MILLENIUM+ FRONT DOORS



Material – Aluminium Composite

Dual Colour – Yes

Thermally Broken – Yes

Document L Compliant – Yes

Fully Customisable up to a width of 2.1m and a height of 3m

Smart Automation Technology Available

Available in any RAL Colour

Sightlines - Frame 80 mm Sash 80 mm

Opening possibilities - Pivoting

Panel - 80 mm

Profile Thickness - Door 2.0 mm

Polyamide Strip Length - 24 / 26 mm

Maximum Sash Dimensions

Width (L) 2100 mm (1700* + 400 mm)

Height (H) 3000 mm

Maximum Sash Weight - 250 kg

Consult maximum weight and dimensions according to typologies

*Measure from the pivot axis

Finishes

Possibility of dual colour systems

Colour powder coating (RAL, mottled and rough)

Wood effect powder coating

Anti-bacterial powder coating

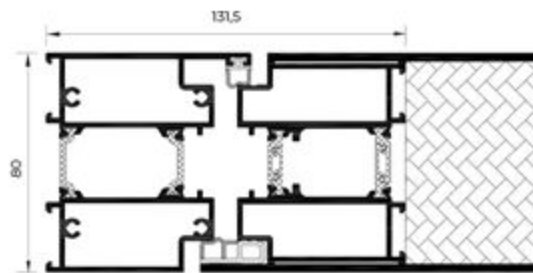
Anodised



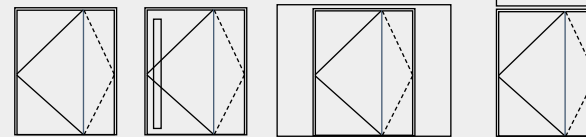
FEATURES

U value		$U_w > 0.86 \text{ (W/m}^2\text{K)}$
Air permeability		(UNE-EN 12207) Class 4
Water tightness		(UNE-EN 12208) Class 5A
Wind resistance		(UNE-EN 12210) Class C5
Security test	PAS24 	Passed

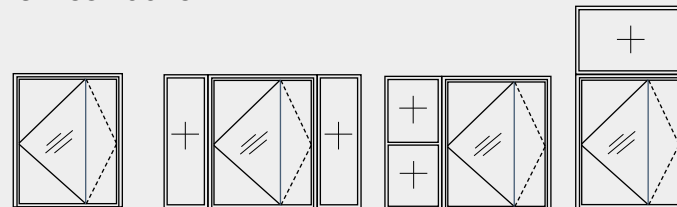
* Double Glazing $U_g = 1.0$ | Security Reference test 1.438 x 1.33m / 1 sash



PANEL DOORS



GLASS DOORS



POSSIBILITIES

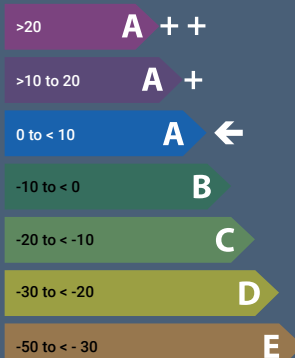
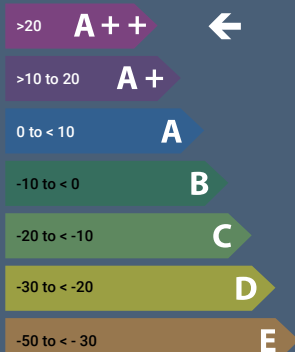
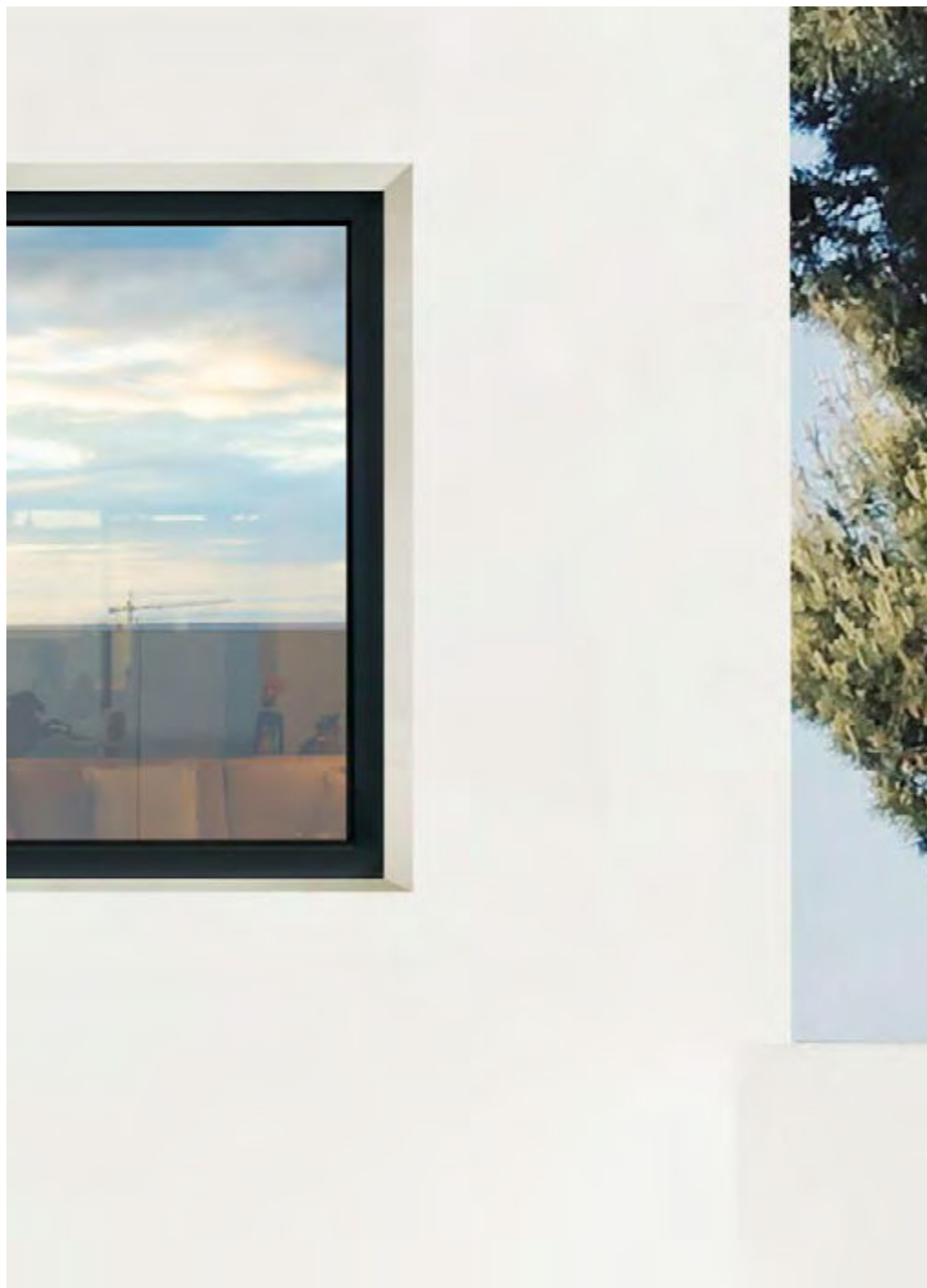


The stylish Cortizo Pivot Door would make a statement piece on any property especially when you consider they are available in a range of sizes up to a massive 2.1m wide and 3m tall!

With a whole host of Smart Home options available, the Cortizo Pivot Door provides the ultimate option for those special projects that require something a little out of the ordinary.

Visit www.total-as.com for more information

CORTIZO COR 70 - WINDOW SYSTEMS



Sight-lines

Frame depth 70mm, Sash 70mm

Polyamide Strip Length

32mm

Profile Thickness

Window 1.6mm

Glazing

Max 44mm, Min 23mm

Maximum Sash Dimensions

Slim Sash (Side Hung):

Width (L) 950mm, Height (H) 1300mm

Slim Sash (Top Hung):

Width (L) 1200mm, Height (H) 1300mm

Heavy Duty Sash (Side Hung):

Width (L) 750mm, Height (H) 1750mm

Heavy Duty Sash (Top Hung):

Width (L) 1800mm, Height (H) 1800mm

Maximum Sash Weight

Side Hung Slim Sash: 35kg

Top Hung Slim Sash: 50kg

Side Hung Heavy Duty Sash: 42Kg

Top Hung Heavy Duty Sash: 100kg

Consult maximum weight and dimensions according to typologies

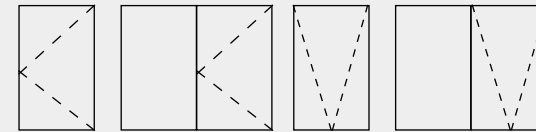


FEATURES

U value		Double Glazing* Uw>1.3 (W/m²K)
Acoustic insulation		Rw up to 45dB
Air permeability		Class 4
Water tightness		Class E1200
Wind resistance		Class CE 2400
Security test	PAS24 	Passed

* Double Glazing Ug=1.0 | Security Reference test 1.438 x 1.33m / 1 sash

OPENING CONFIGURATIONS



Outward opening
Side hung
Top hung

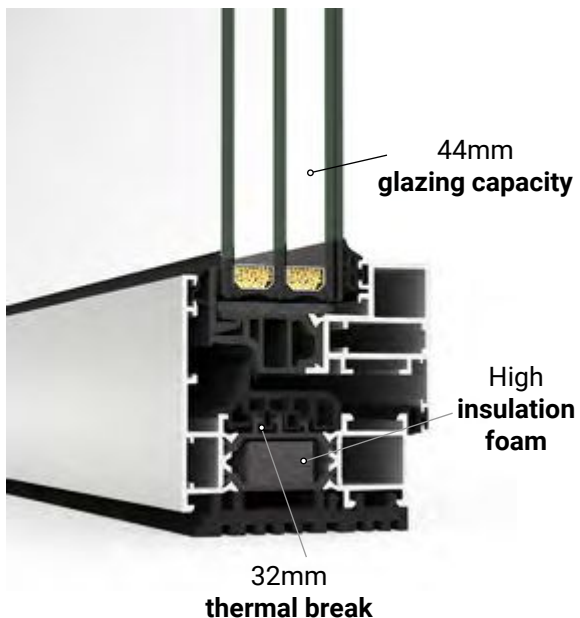
POSSIBILITIES



SECURITY
HARDWARE



CONCEALED
HINGES



Thermally broken window that allows for both side hung and top hung outward openings. This solution, with a thermal break zone of 32mm and a transmittance Uw from 1.0 W/m²K has the British security certification PAS 24, being especially suitable for this market.

- High thermal & acoustic performance
- Slim sight-lines
- Flush option available
- High security

Visit www.total-as.com for more information

CORTIZO COR 70 - TILT & TURN



>20 **A ++**

>10 to 20 **A +** ←

0 to < 10 **A**

-10 to < 0 **B**

-20 to < -10 **C**

-30 to < -20 **D**

-50 to < -30 **E**

Triple Glazed

>20 **A ++**

>10 to 20 **A +**

0 to < 10 **A** ←

-10 to < 0 **B**

-20 to < -10 **C**

-30 to < -20 **D**

-50 to < -30 **E**

Double glazing

Sightlines

Frame 70 mm, Sash 70 mm

Polyamide Strip Length

35 mm

Profile Thickness

Window 1.9 mm

Glazing

Max. 40 mm, Min. 26 mm

Maximum Sash Dimensions

Standard Solution:

Width (L) 1300 mm, Height (H) 2400 mm

HD Hardware (Side Hung):

Width (L) 1200 mm, Height (H) 3500 mm

Maximum Sash Weight

160 Kg

Consult maximum weight and dimensions according to typologies



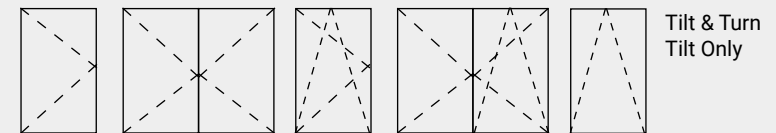


FEATURES

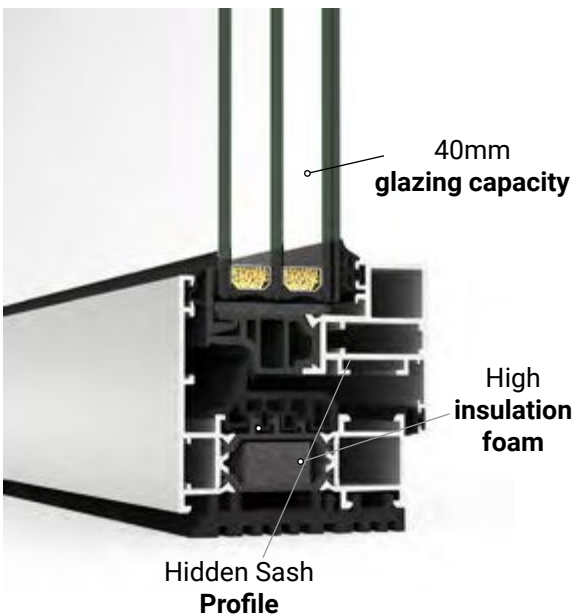
U value		Double Glazing* Uw>1.1 (W/m²K)
Acoustic insulation		Rw up to 46dB
Air permeability		Class 4
Water tightness		Class E1650
Wind resistance		Class C5
Security test	PAS24 	Passed

* Double Glazing Ug=1.0 | Security Reference test 1.1 x 2.4m / 1 sash

OPENING CONFIGURATIONS



POSSIBILITIES



The super flexible Tilt & Turn Window manufactured using the Cortizo COR70 profile has a sightline of only 66 mm and allows the incorporation of the ARCH INVISIBLE handle, concealed hinges and the drainage solution. Any element that breaks the visual harmony of the ensemble is discarded.

- High thermal & acoustic performance
- Slim sight-lines
- Hidden handle and concealed hinges available
- High security

Visit www.total-as.com for more information



• Why Choose?



Why choose Total?

We've been trading as the same company for over 38 years specializing in the manufacture of aluminium systems.

We offer a broad range of products utilising the most trusted quality profile systems available.

From initial contact to delivery our expert teams are on hand to help.

We have a 220m² Showroom housing every product we manufacture including all accessory options. Our clients have access to our showroom to host their customers.

We offer free of charge installation training on all of our products.

We have over 30,000 ft² of manufacturing space across two facilities and have invested in the latest technology in terms of equipment and systems. We currently employ over 60 staff.

Our experience and fabricating capacity allows us to complete orders in some industry beating lead times.

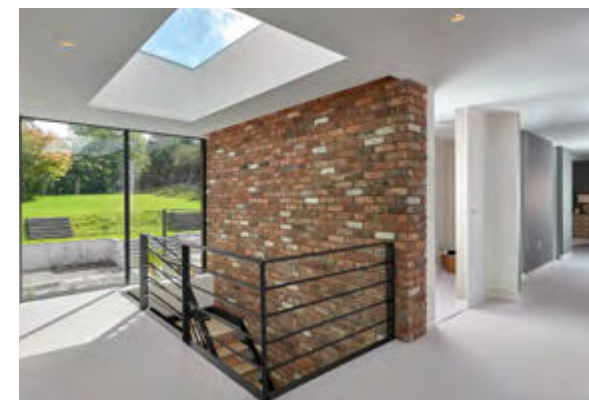
We only supply to trade customers ensuring we will never compete for business. We pass leads on to regular clients.



ALUMINIUM SLIDING DOORS



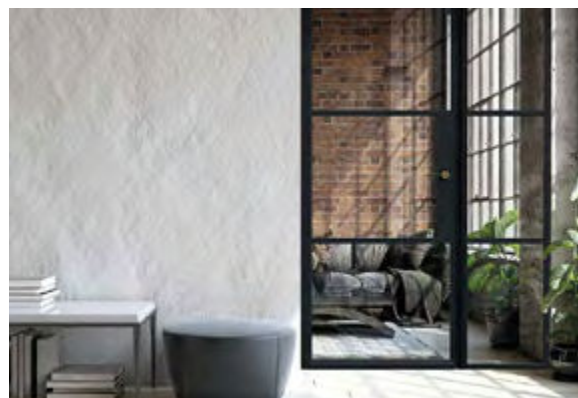
ALUMINIUM BIFOLD DOORS



ALUMINIUM ROOF LIGHTS



ALUMINIUM WINDOWS



INTERNAL SYSTEMS



HERITAGE WINDOWS & DOORS



ALUMINIUM FRONT DOORS



COMMERCIAL SYSTEMS

Visit www.total-as.com for more information



• Why Choose?



Why choose Total?

We view our clients as partners, after all, our business depends on their success.

We're not here for the quick buck, we strive to build strong lasting partnerships with all of our clients, we understand this requires us to deliver more than just great products, so we do.

Become a Total Trusted Installation Partner and you'll receive a range of benefits that will help you generate leads and win business.





Sales Support:

- We'll hand you leads
- Online portal access
- Tailored order forms
- Tailored CAD section drawings
- Access to our showroom
- Internal account manager
- Showroom samples
- Display boards
- Furniture boards

Marketing Support:

- Branded case studies
- Branded digital product literature
- Social media assistance
- Own branded labelling
- Own branded maintenance guides
- Assisted mail out templates
- Photography

Service Support:

- Dedicated Account Manager
- Set delivery days
- Free installation training
- Priority access to service engineer

Visit www.total-as.com for more information

Get in touch:

Sales: Barry Wheeler
07436 159 289
barrywheeler@total-as.com

South West Sales: Kevin Richards
0 7341 413 993
kevinrichards@total-as.com

General Enquiries: Reception
01252 336614
info@total-as.com

Visit us:

102-120 North Lane Aldershot, Hampshire
GU12 4QN United Kingdom.
www.total-as.com

