



RESISTANCE TO ATMOSPHERIC AGENTS

All of CORTIZO's enclosing systems are guaranteed the best performance in watertightness, air permeability and wind loads, endorsed by the maximum results in its test qualifications.



THERMAL INSULATION

Nowadays energy efficiency in buildings is essential for saving on heating costs and air conditioning. CORTIZO meets such challenge with systems for every climatic area with a high insulation coefficient to ensure the comfort in the residence.



ACOUSTIC INSULATION

In order to transform the residence into a private space, intimate and free of pollution outdoor acoustics, CORTIZO has designed its enclosing systems with all the latest technological developments necessary to ensure indoors peace and relax.



UNLIMITED COLOUR RANGE

The whole RAL colour chart in powder coating, exclusive powder coating, metallic, textured, wood effect, more than 100 finishes in anodized. An unlimited offer to create a colour harmony at home.



AVANT-GARDE AESTHETICS

We create tailor-made windows and façades for every project. Creativity to answer aesthetically and functionally to each demand. Aesthetic answers to the technical needs. Creativity at the service of habitable environments.



ENCLOSURES FOR LIFE

Aluminum is the most durable, long-standing and resistant material of those used in enclosures. Aluminum has the strength and a durability of the things that last a whole lifetime.



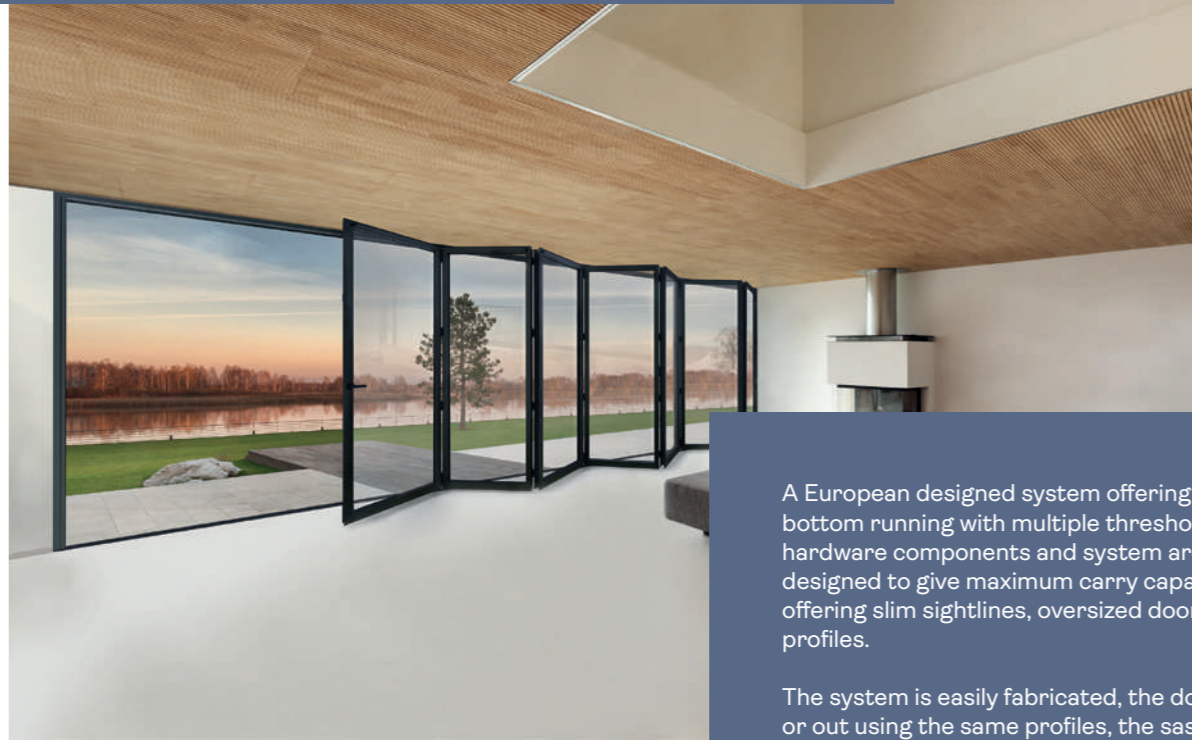
SUSTAINABLE SPIRIT

Respect for the environment is CORTIZO'S commitment. Using innocuous raw materials and products in all our manufacturing process and the limitless possibility of aluminum recycling, allows us to remove any creation of waste and environmental risks.



Supplying Quality Doors to the trade

CORTIZO ALUMINIUM BI-FOLD DOORS



A European designed system offering above ground bottom running with multiple threshold options. The hardware components and system are bespoke designed to give maximum carry capacity, whilst offering slim sightlines, oversized doors and minimum profiles.

The system is easily fabricated, the doors can open in or out using the same profiles, the sash and outer frame are both the same depth and it gives excellent thermal values. This all results in a very desirable door with excellent performance.



TECHNICAL INFO

- Max weight 120KG per panel
- Max sash height 3000mm
- Max sash width 1200mm
- Multiple threshold options
- Adjustable jamb option
- Ultra smooth bottom running
- Slim sightlines
- Dual Colour & Special Finishes available

- Intermediate doors have concealed shoot bolt locking with single point handle. Key locking optional
- Option for access from outside on any configuration
- Colour matched handles and magnetic door holders
- Every conceivable configuration achievable up to a maximum 7Left 7Right with bottom rolling
- Opening either in or out uses the same profiles
- 30mm polyamide thermal break for increased thermal values
- Inline system with sash and outer frame the same depth
- Document Q Compliant, Including PAS 24 and BS6375 Part 1 Weather Testing



CORTIZO has designed more than 50 exclusive systems of windows, façades, composite panel, solar protection systems and balustrade. This commitment to innovation allows us to offer high value added products, maximizing energy efficiency, thermal and acoustic insulation and resistance to atmospheric agents.

CORTIZO BI-FOLD DOORS



Maximum energy efficiency values:
Window transmittance from 1,1 (W/ m2K)

Maximum tightness:
CLASS 9A - meaning during 55 minutes, total affluent of 330 liters and wind velocity of 114 km/h, there's no water intake.

Bi-fold system with Thermal break specially for enclosing large gaps with the most avant-garde aesthetic. It has a range variety of compositions up to 14 sashes in outwards & inwards openings. Allows to inlay bottom frame leaving threshold completely accessible.

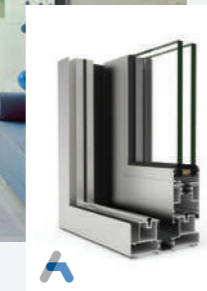
OPENING POSSIBILITIES

Open-in: Bi-fold from 1 to 14 sashes
Open-out: Bi-fold from 1 to 14 sashes
Possibility of corner sash at 90° without mullion

CATEGORIES ACHIEVED AT TEST CENTRE

Air Permeability: CLASS 4
Water Tightness: CLASS 9A
Wind Resistance: CLASS A3
PAS24 Security Test APT

CORTIZO SLIDING DOORS



Maximum energy efficiency values:
Window transmittance from 1,1 (W/ m2K)

Maximum noise protection:
40 dB acoustic reduction.

Sliding systems with aesthetic straight incorporate a minimalism central joint of only 47 mm of frame sightline. Allows to maximize glazing capacity up to 34mm increasing thermal and acoustic benefits.

OPENING POSSIBILITIES

Sliding of 2, 3, 4 & 6 sashes.
Possibility of 3 rails
Possibility of 1 rail (1 sash + 1 fixed light)
Possibility of galandage in 1, 2 & 4 sashes

CATEGORIES ACHIEVED AT TEST CENTRE

Air Permeability: CLASS 3
Water Tightness: CLASS 7A
Wind Resistance: CLASS C5