



ALORA
BUILD

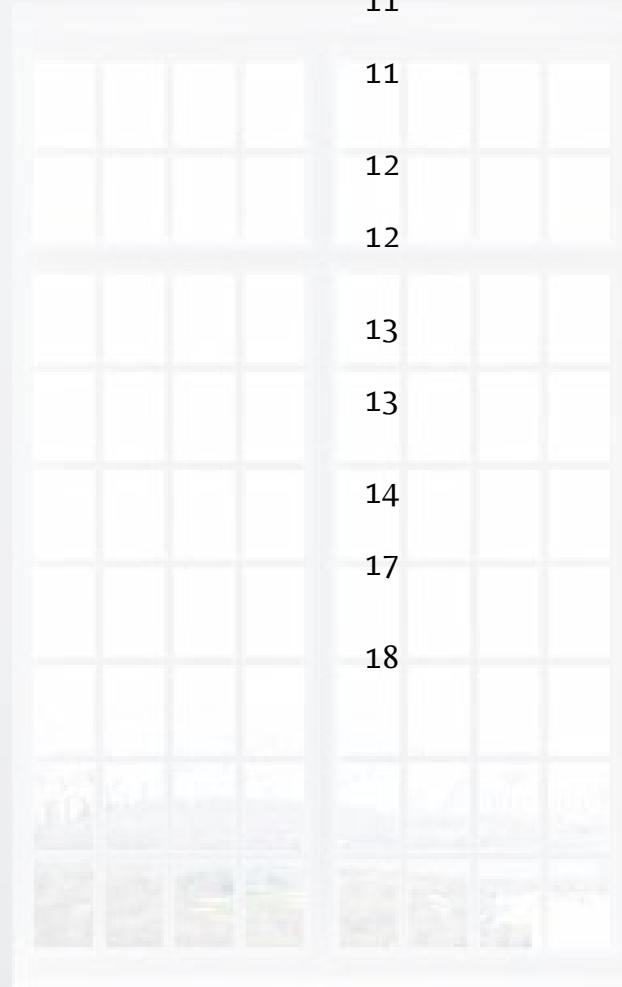
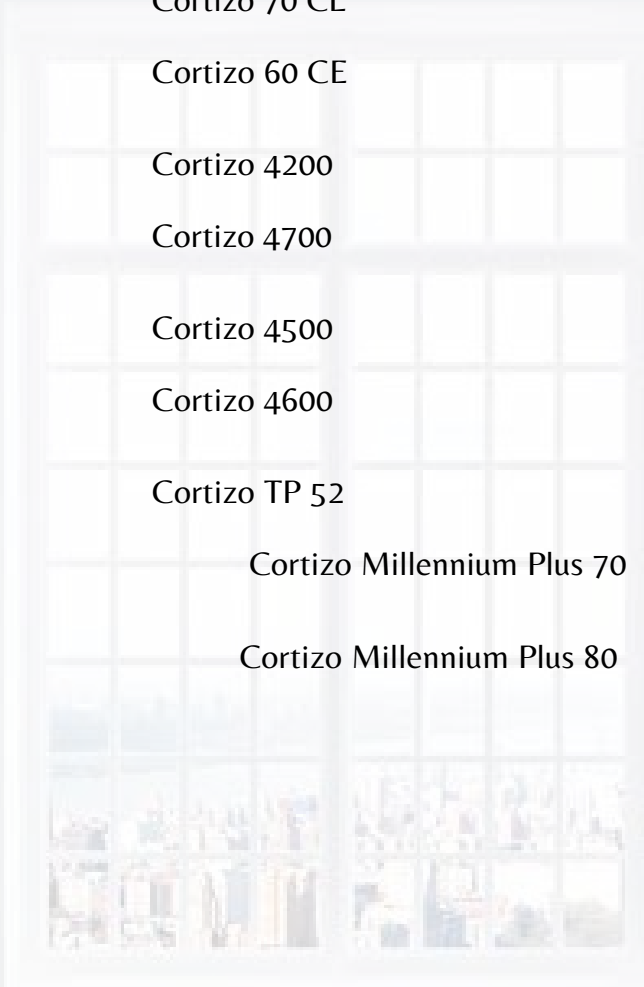


ALLUMINUM JOINERY—PRODUCT CATALOG

www.alorabuild.com

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ABOUT US

Alora Build specializes in modern European custom windows and doors residential and commercial. Garage Doors with pedestrian door, specialty tempered glass, glass railing shower glass , insect roller blinds.

Our VISION: To be an American leader in the production of PVC and aluminum joinery offering support to all our partners.

Our MISSION: To produce windows and doors that have certified features and are manufactured and delivered at the highest standards required by the market.

Our VALUES: Alora Build is a brand characterized mainly by excellence and professionalism, but, at the same time, we endeavor to be kind and supportive. In all our processes we adhere to passion, respect, quality and elegance.

Suppliers



VEKA produces high quality PVC profiles, recognized in the markets of Europe, America and Asia. The recipe for this success is that VEKA factories are close to the end customer for an optimal adaptation to local demand and culture.

www.veka.com



PROFINE produces PVC profiles, sold under the KÖMMERLING brand. This company produced in 1954 the first PVC systems for mass-production, obtaining the patent for extrusion technology of colored profiles in 1967 and for five-chamber profiles in 2000.

www.profine-group.com



CORTIZO consolidated its leading position on the market of aluminum profiles for architecture and constructions through massive investments which enabled them to create a complete range of solutions for windows, facades and state-of-the-art sunscreen systems.

www.cortizo.com



REYNAERS a European leader specialized in the development of innovative and durable aluminum solutions, from greenhouses and curtain walls to doors and windows with simple, sliding or folding openings.

www.reynaers.com





Suppliers



ALUMIL is one of the best suppliers of high quality aluminum-based architectural systems. Throughout over 30 years of activity, the company has expanded all over Greece and worldwide, having 32 branch offices and 10,000 partners.

www.alumil.com



SAINT-GOBAIN GLASS is the European leader in the production of construction glazing. The plant in Călărași, Romania, has the most modern float glass production line in Europe. The energy, acoustic and security performance of SAINT-GOBAIN GLASS glazing recommends it for the most creative and original architectural solutions.

www.saint-gobain-glass.com



WINKHAUS develops, manufactures and markets window and door fittings and automatic locking, access and security systems. The WINK- HAUS German group was founded in 1854, remaining a family business, although it currently has over 2000 partners worldwide.

www.winkhaus.com




MACO is an Austrian window and door fittings company which secured its success through product quality, being the first fittings company certified according to the ISO 9001 standards.

www.maco.at





Aluminum Joinery

A woman with dark hair and a white top is looking out a window. The window is covered in rain droplets, and she is holding a light blue mug. The background outside the window is blurred, showing greenery and a building.

Aluminum is characterized by a low mass, stable mechanical properties even at high temperature differences, does not oxidize and is resistant to environmental, chemical and physical agents.

These features recommend aluminum profiles for large joineries, ensuring stability, protection and comfort.

* The photos are for information purposes only.



CORTIZO



Cortizo 80 CE

Description

Cortizo 80 is a very versatile joinery system with a frame thickness of 3" and 2" for the sash.

Technical specifications



System geometry

Depth: 3"

Visible height: 3.4"

Central node: 5.4"

Max. sash size: L59" / H102"

Max. sash weight: 352 lbs



Thermal insulation: UW 0.8 W/m²K



Max. glazing thickness: 2"



Acoustic insulation: RW = 46 dB

Cortizo 70 CE



Description

Cortizo 70 CE is a versatile and high-performance joinery system with a frame thickness of 70 mm and 78 mm for the sash

Technical specifications



System geometry

Depth: 2.7"

Visible height: 3.4"

Central node: 5.4"

Max. sash size: L63" / H102"

Max. sash weight: 352 lbs



Thermal insulation: $UW \geq 0.8 \text{ W/m}^2\text{K}$



Max. glazing thickness: 2"



Acoustic insulation: $RW = 44 \text{ dB}$

Cortizo 60 CE

Description

Cortizo 60 is a very versatile joinery system with a frame thickness of 60 mm and 2.6" for the sash.

Technical specifications



System geometry

Depth: 2.36"

Visible height: 3.3"

Central node: 5.27"

Max. sash size: L59" / H102"

Peso max. anta: 352 lbs



Thermal insulation: $UW \geq 1.0 \text{ W/m}^2\text{K}$



Max. glazing thickness: 1.8"



Acoustic insulation: $RW = 48 \text{ dB}$





Cortizo 4200

Description

Cortizo 4200 is a versatile, simple and reliable sliding joinery system with rounded or rectangular profile aesthetics.

Technical specifications

System geometry



Depth (2-rail frame): 2.3"

Depth (3-rail frame): 4.17"

Visible height: 4.25"

Central node: 1.77"

Max. sash size: L86" / H102"

Max. sash weight: 440 lbs

Thermal insulation: $UW \geq 1.5$ W/m²K



Max. glazing thickness: 1"



Acoustic insulation: RW = 39 dB



Cortizo 4700

Description

Cortizo 4700 is a modern and high performance sliding system with a minimalist central node of only 47 mm.

Technical specifications



System geometry

Depth (2-rail frame): 4.72"

Depth (3-rail frame): 7.28"

Visible height: 4.48"

Central node: 1.85"

Max. sash size: L98" / H118"

Max. sash weight: 617 lbs



Thermal insulation: $UW \geq 1.1$ W/m²K



Max. glazing thickness: 1.33"



Acoustic insulation: RW = 40 dB





Cortizo 4500

Description

Cortizo 4500 is a robust and reliable sliding system that allows very generous manufacturing dimensions.

Technical specifications



System geometry

Depth (2-rail frame): 4.87"

Depth (3-rail frame): 7.28"

Visible height: 5.66"

Central node: 4.33"

Max. sash size: L130" / H130"

Max. sash weight: 881 lbs



Thermal insulation: $UW \geq 1.5 \text{ W/m}^2\text{K}$



Max. glazing thickness: 1.49"

Acoustic insulation: $RW = 42 \text{ dB}$

Cortizo 4600

Description

Cortizo 4600 is a sliding lifting system with exceptional thermal insulation performance, with a modern design, with the central node of only 50 mm.

Technical specifications



System geometry

Depth (2-rail frame): 6.29"

Depth (3-rail frame): 10"

Visible height 5.5"

Central node: 2"

Max. sash size: L130" / H130"

Max. sash weight: 881 lbs



Thermal insulation: $UW \geq 0.9 \text{ W/m}^2\text{K}$



Max. glazing thickness: 2.1"

Acoustic insulation: $RW = 43 \text{ dB}$



Cortizo TP 52



Description

The Cortizo façade system offers complete solutions to all the challenges of modern architecture. The system can combine vertical, oblique or horizontal surfaces with the visible section of the 52 mm profiles.

Technical specifications



System geometry

Upright depth: 0.62–10"

Traverse depth: 0.88"–10"

Visible thickness: 2"



Thermal insulation: $UW \geq 0.9 \text{ W/m}^2\text{K}$



Max. glazing thickness: 2.52"



Acoustic insulation: $RW = 48 \text{ dB}$

* The photos are for information purposes only.



Cortizo Millennium Plus 70

Description

Cortizo Millennium Plus 70 is a door system that satisfies high aesthetics, insulation and security standards.

Technical specifications



System geometry

- Depth: 2.7"
- Visible height: 5.66"
- Central node: 7.75"
- Max. sash size: L71" / H118"
- Max. sash weight: 485 lbs



Thermal insulation: $UW \geq 0.9 \text{ W/m}^2\text{K}$



Max. glazing thickness: 2"

Acoustic insulation: $RW = 38 \text{ dB}$



* The photos are for information purposes only.

Cortizo Millennium Plus 80



Description

Cortizo Millennium Plus 80 is a door system that satisfies high aesthetics, insulation and security standards.

Technical specifications



System geometry

Depth: 3"

Visible height: 5.6"

Central node: 7.7"

Max. sash size:

L71" / H118"

Max. sash weight: 352 lbs



Thermal insulation: $UW \geq 0.8 \text{ W/m}^2\text{K}$



Max. glazing thickness: 2.51"



Acoustic insulation: $RW = 40 \text{ dB}$

Cor-Vision

Description

Cor-Vision is a minimalist sliding system with avant-garde and elegant design that allows exceptional glazed surfaces, with visible sections of profiles representing only 8% of the joinery surface (central node of 20 mm).

Technical specifications



System geometry

Depth (2-rail frame): 4.6"

Depth (2-rail frame): 7"

Visible height: 2.32"

Central node: 0.7"

Max. sash size:

L98" / H130"

Max. sash weight: 705 lbs



Thermal insulation: $UW \geq 1.3 \text{ W/m}^2\text{K}$

Max. glazing thickness: 1"



Acoustic insulation: $RW = 41 \text{ dB}$



Cor-Vision Plus

Description

Cor Vision Plus is the most efficient minimalist sliding system produced by Cortizo. The central node of only 25 mm and exceptionally generous glazed surfaces, together with the option of total embedding of profiles recommends Cor-Vision Plus for avant-garde architectural projects.

Technical specifications



System geometry

- Depth (2-rail frame): 7"
- Depth (3-rail frame): 10"
- Visible height: 2.30"
- Central node: 1"
- Max. sash size:
L157" / H157"
- Max. sash weight:
881 lbs (manual operation)
1543 lbs (motorized drive)



Thermal insulation: $UW \geq 0.9 \text{ W/m}^2\text{K}$



Max. glazing thickness: 2"



Acoustic insulation: $RW = 43 \text{ dB}$



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DESCRIPTION

Glass represents about 80% of the surface of the joinery. Alora equips its products with SAINT GOBAIN GLASS glazing that meets the requirements pertaining to thermal and acoustic insulation, as well as ensures the desired safety and comfort.



The winter-summer comfort function maintains a pleasant atmosphere inside all year round while reflexivity gives the space a touch of elegance (brightness up to 71%).

Technical specifications

- Secure glazing aims to protect both users against accidents and buildings against burglary.
- Laminated glass is composed of two or more simple glass sheets, glued together with a PVB film, which, in case of breakage, acts as a reinforcement to which the shards remain attached, thus preventing accidents.
- ESG safety glass is, on average, 4 times more resistant than standard glass to temperature change, strong wind and impact. If it still breaks, it produces small cubes without sharp edges.
- For design or to protect you from prying eyes, Alora offers you a wide range of decorative glazing, in a large number of patterns, textures and colors.
- Also, for added style and elegance, you can choose splashes, ornaments placed between the glass sheets or applied to their exterior. Splashes can be of different sizes, colors and shapes, made of PVC or aluminum.



Safety glass: Alora ESG

ESG is a type of heat-cured glass, which has a resistance to mechanical and thermal stresses significantly higher than that of ordinary glass, including laminated glass. In case of breakage, the ESG glass shatters into small, slightly sharp pieces. Superior mechanical properties recommend ESG glass for all types of glazed elements.

Applications

- Architectural: all types of interior and exterior glazed windows and doors or glazed assemblies, consisting of independent, interconnected elements, facades, glazed roofs, steps and glass floors;
- Urban furniture: telephone booths, public transport stations, parapets;
- Indoor furniture: table tops, shower enclosures, shelves, pieces of furniture, which require an intelligent design for the prevention of domestic accidents.

Why use safety glass?



LIGHTWEIGHT
50%

ESG glass is lighter than laminated glass, making it easier to transport and assemble and at the same time prolonging the life of the joinery by reducing the load on the hardware elements.



INDESTRUCTIBLE

Withstands stresses, shocks, mechanical and bending loads 5× better than ordinary and laminated glass of the same thickness.



SAFE

Reduces the risk of injury in case of breakage, by fragmentation into small, slightly sharp pieces. Limits the risk of burglary.



A short demonstration video

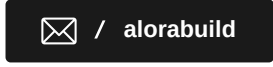
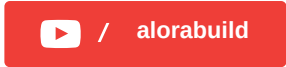
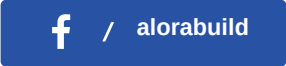
A video demonstration of the safety of the glass can be watched at the following address or by scanning the attached QR code:

<https://youtu.be/bo5ab0sMurk>

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For more information on the products offered by our company, we invite you to consult a full range of catalogs: PVC joinery, alluminum joinery, alluminum shutters, accessories, technical catalog, price list.





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