

MANUFACTURE AND ASSEMBLY OF ALL KINDS OF METAL ELEMENTS

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ALUMINUM WINDOWS





ALUMINUM WINDOWS, PREFERRED FOR THEIR BENEFITS

Perfect for thermal insulation, with great durability and minimal maintenance, aluminum windows are the ideal element for your home or business.

Why install aluminum windows in our home?

Aluminum is one of the lightest materials currently on the market, so installing it does not require major works. Likewise, its ease of cleaning is another key factor. Unlike wood, which needs very specific care to avoid mold, insects or deterioration over time, aluminum is highly resistant to inclement weather, fire and other external agents to which windows may be exposed.



ADVANTAGES

- Ease of installation and transportation.
- Minimal maintenance.
- Resistance to external agents, such as sun, rain, wind or insects.
- Aesthetics and great variety of designs.
- Competitive price.

Installing windows is a good option for both private and public properties. If you want to benefit from all its properties, contact a company specialized in aluminum and structures for architecture like Arte Metal Urbano. All our products have the CE marking that guarantees their quality and certifies that they comply with the legal regulations in this regard.

Another of the most important points to install this type of windows in any property is its aesthetics. Contrary to popular belief, there are many design and color options that are presented to us, so quality is not at odds with design. Finally, it is worth highlighting its price. Aluminum is generally one of the most affordable materials on the market today. The price will vary depending on the features, the design and the supplier we choose.









We assemble fixed, folding and sliding pvc windows, which offer the best resistance and the best insulation. They are adaptable to almost any space thanks to their elaborate design and functionality.

They are all environmentally friendly windows. During its preparation, it only emits water vapor into the atmosphere, not generating polluting emissions. In addition, they are 100% recyclable.

They consist of excellent thermal and acoustic insulation, reducing energy consumption and protecting against noise. They are healthy and inert materials, insensitive to contamination by fungi and without emitting any volatile organic compound.





TILT-AND-TURN WINDOWS

PVC FOLDING WINDOWS

The folding windows have a horizontal opening of 180^o and the tilt-and-turn windows complement this opening with a vertical opening of approximately 45^o.

Thanks to this design and functionality, tilt-and-turn windows adapt to almost any space and, together with their hermetic closure, make them the star window in terms of insulation and efficiency.

The structure of this window makes it very safe and resistant, and without losing the flexibility that its double hinge gives it, which allows a minimum vertical opening to ventilate the room without losing its security (prevents intrusion).

IDEAL 4000 (ALUPLAST)



It is the basic option of quality PVC profiles, but with a wide range of colors that cover the entire surface of the PVC, adjusting to any design. Two types of window frames are also available: rounded and straight.

- Profile type CLASS B
- Number of cameras 5
- Profile depth 70MM
- Procedure1.3

IDEAL 5000 (SLIM)



The innovative Ideal 5000 profile is characterized by having improved thermal insulation values thanks to the third prime joint that also secures the window frame, preventing the sash from being damaged or removed with a lever.

- Profile type CLASS B
- Number of cameras5
- Profile depth 70MM
- Procedure1.2

GREENEVOLUTION FLEX





The Greenevolution Flex profile is available in a wide variety of finishes, highlighting white for its high gloss. Its surface is resistant to inclement weather, providing durability and ease of maintenance.

- CLASS B profile type
- Number of cameras 5
- Profile depth 76MM
- Procedure1.3





An innovative system of energy saving profiles, designed specifically for buildings with special energy saving needs. Equipped with a triple sealing system that provides excellent thermal insulation.

Recommended for passive constructionProfile type CLASS B

- CLASS B profile type
- Number of cameras7
- Profile depth 81MM
- Procedure1.3



PVC SLIDING WINDOWS

VERY VERSATILE AND COMPATIBLE PVC SLIDING WINDOWS BETWEEN SEVERAL CONSECUTIVE MODULES

Very versatile PVC sliding windows when space is required since they do not need to open inwards, still maintaining a good response to insulation. They can also be combined between several consecutive modules, achieving a greater opening of the space.





PVC sliding window systems with a frame depth of more than 70 mm with optimal thermal and acoustic performance that provides a transmittance level of 1.3 and provides the possibility of mounting a minimalist sash with a visible section of only 75 mm.

- CLASS B profile type
- No. of cameras 6
- Profile depth 70MM
- Transmittance 1.3



LIFT UP PVC WINDOWS

IDEAL FOR LARGE DIMENSIONS, PROVIDING WIDE LIGHT AND VIEWS

PVC lift-up windows, through a mechanical lifting system, slide smoothly and effortlessly. Elevating windows are ideal for large dimensions, providing ample light and views, giving a feeling of contact with the outside.

We have high-performance PVC lift-and-slide windows. We work with the profiles of brands such as Cortizo and Aluplast. Discover its configuration and technical specifications.

ALUPLAST ELEVABLE HST



Aluplast elevating profile that divides the opening into two movements. After the lower frame leaf is raised, it can be moved laterally. With this principle, large leaf opening dimensions can be achieved. The ease with which the blade slides with a gentle push stands out..

- CLASS B profile type
- No. of cameras 5
- Profile depth 197MM
- Procedure 1.0

SMART SLIDE



Smart Slide is an innovative mechanism for sliding doors where the closure allows a simple and intuitive operation, similar to solutions used in sliding and lift doors.

- CLASS A profile type
- No. of cameras 6
- Profile depth 140MM
- Procedure 1.4



PARALLEL SWING PVC WINDOWS

INNOVATIVE SLIDING WINDOWS

Sliding system with frame profile and tilt-and-turn leaf thanks to the use of a special closing mechanism. The special hardware of the Osciloparallel PVC Windows allows large sashes to be moved with minimal effort.

The sash does not invade inwards, which reduces the use of necessary space and gives the impression of having a larger window size.

One of the notable advantages of installing a PVC tilt-parallel sliding window profile is the total use of space in the environment where the window is located.

Thanks to its double opening option, it makes an instance better used and, together with its modern design, brings spaciousness and groundbreaking aesthetics to your home.





LIGHT ALUMINUM FACADES







Descriptive Characteristics

- Composite panels are free of halogens and components that contain sulfur, mercury, asbestos or other dangerous agents.
- Multilaminar material.
- 4mm nominal thickness.
- Ventilation percentage of 80 cm2 per linear meter of façade up to 10 meters high and 100 cm2 from 10 meters high.

Sections

VERTICAL DK-L1



VERTICAL DK-4



HORIZONTAL A-A`



HORIZONTAL B-B`







STRUCTURAL CURTAIN WALL



Descriptive Characteristics

- They are often made from aluminum profiles.
- Correct acoustic and visual insulation.
- Resistance to wind loads. Tempered monolithic glass with a 16 mm chamber, an exterior of 6, 8 or 10 mm and an interior of (4+4) or (5+5)

Sections































Descriptive Characteristics

- They are often made from aluminum profiles.
- Correct acoustic and visual insulation.
- Resistance to wind loads.
- Tempered monolithic glass with a 16 mm chamber, an exterior of 6, 8 or 10 mm and an interior of (4+4) or (5+5).

Sections





























CURTAIN WALL PLATE



Descriptive Characteristics

- Vertical uprights and crossbars of 55 mm internal view.
- Range of uprights up to 200 mm according to required inertia.
- Theoretical average thickness: 2.5 to 5 mm.
- High resistance EPDM gaskets.
- Flat and airplane wing-shaped flaps up to 300 mm.
- Projecting and parallel sliding openings up to 180 kg/leaf
- Crossbars without machining. Only cut at 90^o.
- CTE suitable for climatic zones α A B C D E
- Acoustic insulation: 38 dB (according to Annex B of the UNE-EN 14351:2006+A2 standard 2017)







Horizontal Section

Vertical Section



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