



Design
Your Home
with Kalco's
Energy-Saving
Doors, Windows
Facades



Architectural Aluminium Systems

आर्किटेक्चरल एल्युमीनियम सिस्टम्स

A Product Leaflet

Aluminium systems with respect to the environment

Welcome to the world of KALCO. Since 1992, we are into the field of manufacturing aluminium products for architectural designing. Kalco holds a position in the market as the leader in fabrication of aluminium products for mainly architectural purposes. It's purpose is to provide a elegant, heat-proof, noise-proof and water-proof usage by providing better architectural solutions to corporate, residences and multiplexes. The systems are designed in such a way so that their top thermal break properties will secure effective energy saving, reducing the need of heating and cooling systems operation in summer and winter, respectively. In this way, you achieve higher money saving and, at the same time, you contribute to the protection of the environment.

The values of our company

The values governing our company also guides us in the way we operate and develop. We pay special attention and we are committed to:

- Work responsibly with environmental consciousness.
- Create sincere relationships with our customers promoting trust with mutual benefits as a result.
- Research and develop upgraded products aiming at selling high quality products.
- Invest on our staff, making sure that they develop their abilities, offering equal opportunities to all.
- Behave with dignity and respect towards all social groups.





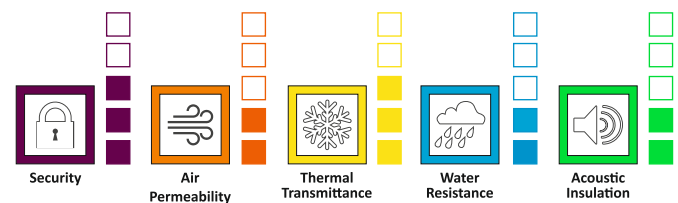
K Series System

Prima Aluminium Windows, is where beauty and engineering come together seamlessly. Strength and durability meet gorgeous Italian design, great finishes and vivid colour schemes and world-class quality meets the best-in-class manufacturer to give you windows that are really worth the view. Made from aluminium - the 100% green and recyclable metal - Prima is an ideal choice to adorn your home with.

Available Typologies:

- Turn only (Outwards)
- Turn Only (Inwards)
- Tilt and Turn
- Top Hung
- Sliding 2 tracks
- Sliding 3 tracks
- Lift and Slide
- Folding Sliding

All have an option of wire-mesh system.



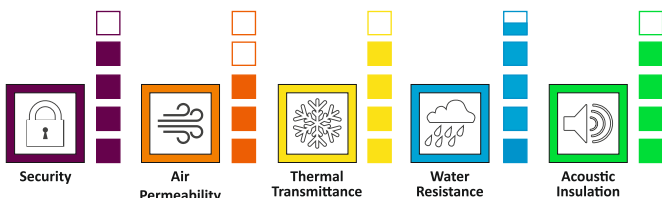
Thermal Break System

A thermal break system of high performance for small and medium fabrications. Its modern design offers several functional options. It is suitable for the construction of all types of opening frames.

The wide range of profile covers multiple architecture applications and offers a wide range of fabrication options. One may choose different colors for inside and outside. Due to its careful design it gives the best value for money ratio in the thermal break frames section. A high quality and performing thermal break system ensures optimum protection through the use of the multiple locks that can be adjusted.

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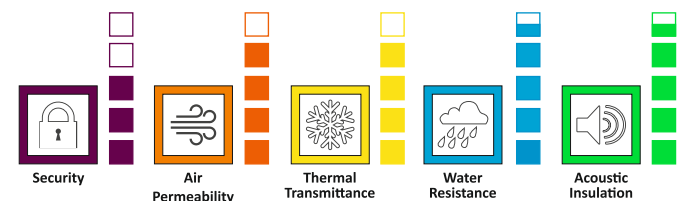


Alu-Wood System

Alu-Wood windows and doors combine the warmth and beauty of wood with the resistance and performance of aluminium. Aluminium and wood together provides style and elegance of materials and finishings, in all of its expressions. It is ideal for large spaces in your balcony, living rooms and offices. This system is also available in retractable model going into the wall saving space in your home or office. Wood offers richness for your interiors whereas aluminium on the outside provides durability.

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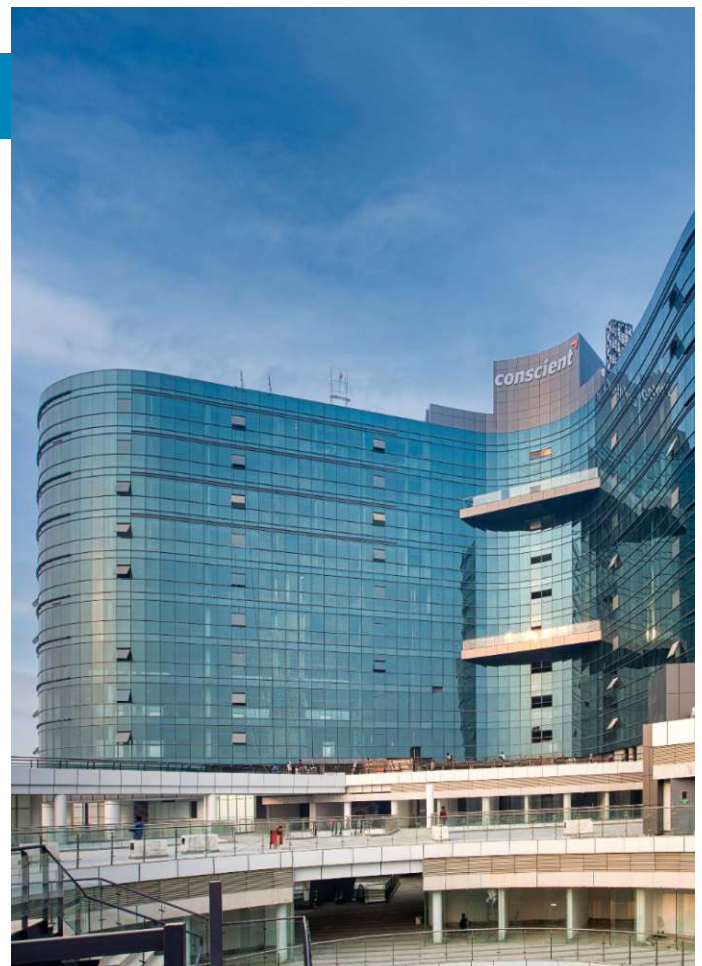
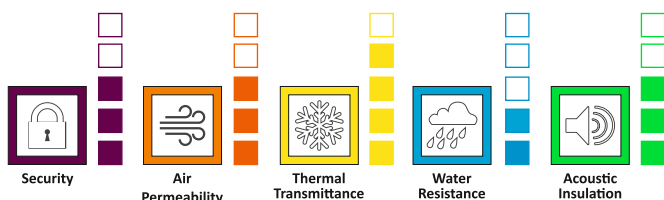


Facade System

KALCO are now one of only a few manufacturers who can offer a total envelop solution, incorporating glazing and other external cladding materials. Quality, freedom in design, reliability of processes and simplicity of fabrication form the tangible benefits of aluminium façades by KALCO. Our products are always simple to install. When constructing a façade, you are able to make use of the same processing steps, accessories, gaskets, sealants and tools. KALCO constructions offer maximum flexibility, are more cost-effective, safer and quicker to install.

Available Typologies:

- Semi-unitized Curtain Wall
- Semi-unitized Structural Glazing
- Thermal Break Curtain Wall
- Unitized Structural Glazing

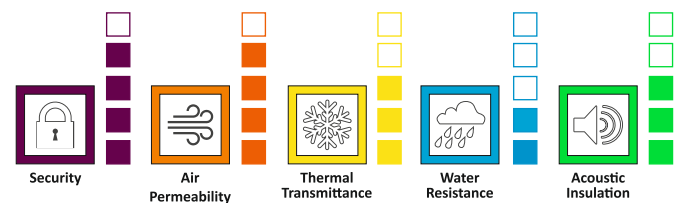




Folding Door System

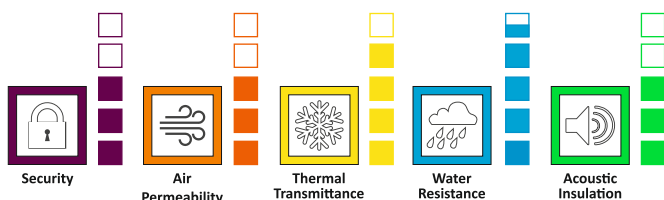
KALCO folding door system with modern specification well made design and top of the line quality.

These doors are designed and developed to cover all wide openings both in residential and professional constructions. All panels can be stockpiled in one end of the opening occupying the less possible space. These are ideal for the construction of a transparent shell, which binds harmonically the internal and external spaces of a building. You have the choice of either cover your space by opening up the folding door system to reduce incoming insects/flyes or pile up doors in one end to let everyone enjoy the spacious area without inconvenience. The alignment rail has special positions for brushes that hinder solid particles from entering the system. There is also a profile that may accept a gasket for the minimum energy loss.



Slimline Door System

This system is created to obtain all type of windows and doors as well composite models for commercial and residential uses. The system is composed of various design solutions including the concealed sash version. The system is designed in order to ensure good performances and have at the same time a modern style. The profiles are assembled using opposite die casted corners with buttons or/and by pinning or/and by chamfering. The external lines are lightly rounded conferring to the profiles a good design and equilibrate sections. All the surface treatment conform to the quality labels QUALICOAT for Powder Coating and QUALANOD for anodization. Profiles overlap: The Sliding frame is completely hidden by the fix frame.

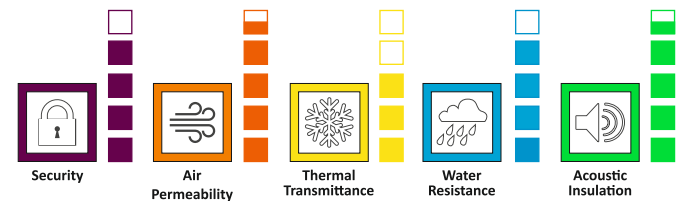


Entrance Doors System

KALCO's robust thermal break system are designed very simply and appropriate for main entrance doors in business and residential buildings. A good-looking door attracts everyone even from far and you get feel-good atmosphere from the moment you walk through the door. Its typical aspects are the glazed sections designed in the traditional style, profiled with curved frame and craftsman's glass art such as sandblasting, facets or ornamental rods. It can receive (optional) special locking reinforcement for burglary resistance abilities in accordance with WK2 certification. You can optimally match your entrance door to your house style thanks to the various frame and panel options available.

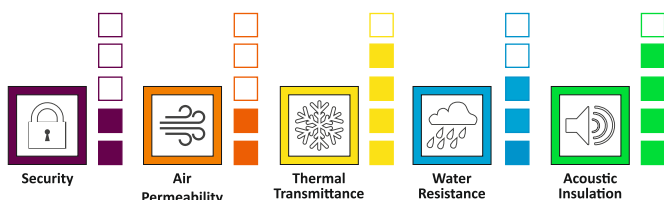
Basic characteristics:

- Use of special reinforced polyamides 24 mm.
- Special multi-chamber central gasket that secures optimum impermeability preventing thermal shift.



Automatic Door System

Low energy settings are a cost effective solution for your automatic doors. Low energy doors require fewer sensors, meaning the initial price of the door is lowered, but it is also a highly cost effective solution which will save money in the long term. The door will only open if someone actively tries to enter, the sensors won't open for people simply walking past the building, making them more efficient and environmentally friendly than fully automatic doors. As well as the financial benefits, low energy doors are typically less noisy when in use and are fully compliant to requirements. As well as the instant low energy benefits, automatic doors like this can also save money on your heating bills through a reduction in unnecessary heat loss, therefore steadily paying back the initial installation cost. This also has the benefit of reducing any air conditioning wastage that could be caused by fully automatic doors or keeping a manual door propped open.



Railing Systems

KALCO offers you all the benefits of a high-grade aluminium railing with quality built-in, plus great looks. Its stylish modern design is stripped down, yet more than strong enough to create safe railings for walkways, balconies and upper levels of atriums and lobbies.

What sets this system apart?

Its attractive pricing, its great customisation and prefabrication options and the fact that you can preassemble the components to complete railing sections in your own workshop.

Basic characteristics:

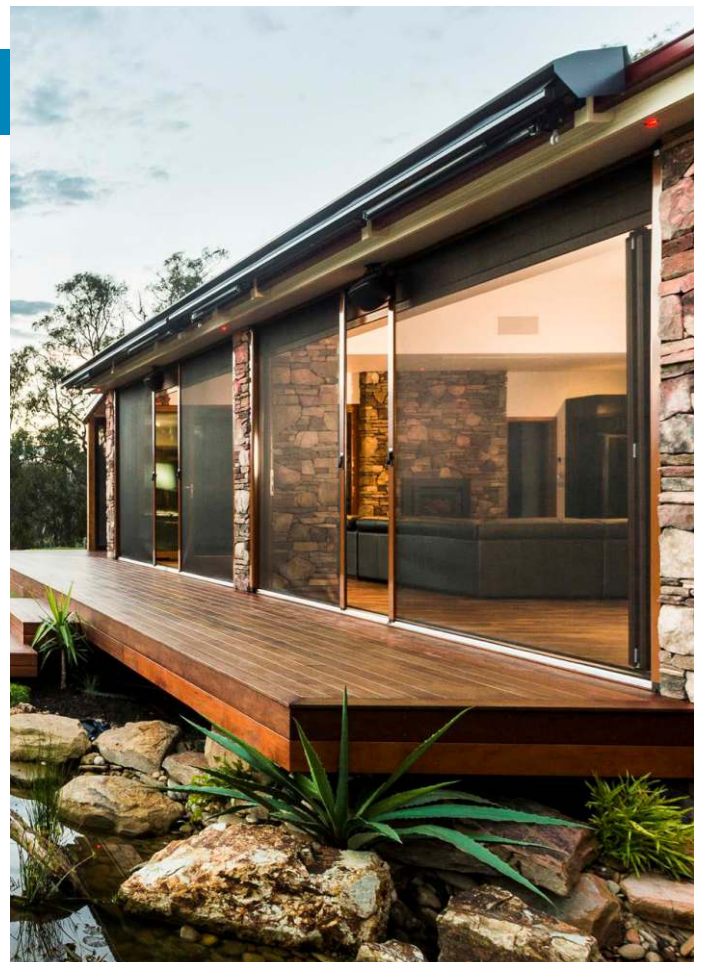
- Light in weight but safe for residential and light-weight commercial use, to be installed on a finished floor, with a laminated glass of thickness of 17.5 mm.
- Suitable for the interior as well as exterior balconies, terraces and swimming pools.
- Easy and quick to align, the glass panels are secured with gaskets and bolts, supplied by the manufacturer.
- Maximum height at 100 cm is recommended and use of top handrail is essential.

Insect Screen Systems

Kalco Freedom* Retractable insect screens offers the perfect fusion of style and cutting-edge technology for residential and commercial applications. Years of dedicated research and development enabled us to design and manufacture this unique retractable insect screen with patented mesh-to-track retention system for harsh climatic conditions. It is the strongest system on the market due to its outstanding wind and pressure rating. Perfect for peaceful living, this unparalleled system is suited to large windows and door spaces. It is also available in a pull-down style or with a remote control (motorised) for windows, doors and enclosures.

Basic characteristics:

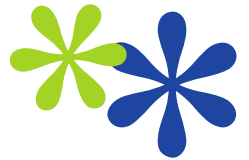
- Spans up to 4.5 meters in a single screen and 9 meters in a double screen.
- Unique mesh-to-track retention system which prevents sagging and stops mesh blowouts.
- Made with high quality imported aluminium.
- Recessed track option assists in the integration of door with screen installation.
- Available in a variety of finishes including powder-coated and anodised aluminium, coloured end-caps and brake levers.



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