



GLASS & ALUMINIUM



WORLD OF ALUMINIUM DOORS & WINDOWS

*Choosing the Perfect
Aluminium Doors and Windows for Your Hoame*



ABOUT US

Mahalaxmi Glass & Aluminium is a reputable company that specializes in the production of top-quality aluminum window and door systems. Our products are meticulously designed and manufactured to meet the highest standards of quality, ensuring that our customers receive only the best. We take great care to ensure that our products meet the stringent quality parameters required for high-end windows and doors before they are made available to our valued customers. With Mahalaxmi Glass & Aluminium, you can rest assured that you are getting the best products that are built to last.

MAHALAXMI ALUMINIUM STRENGTH & WHY CHOOSE US



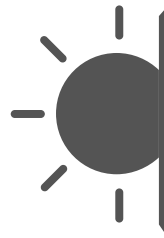
Weather Resistant

The Mahalaxmi systems are super cool because they are made with really smart engineering. When you put them in your house, make sure to follow the European installation rules so they work the best they can.



Customized Systems

Have you heard of the Mahalaxmi Aluminium systems? They're super cool because they can be made in lots of different shapes, colors, and finishes. Plus, they're really flexible, which means they can fit into all kinds of buildings.



Thermal Insulation

The Mahalaxmi systems are really good at keeping the temperature just right. This slide is especially good because it can keep the heat in or out with just a little bit of energy. It's like having a superpower for your windows! Plus, it's good for the environment because it uses less energy.



Sound Insulation

They work by using special materials and designs that help block out unwanted noise. So, if you're trying to study or just relax outside, you won't have to worry about all the loud cars and construction noises bothering you.



UV Resistant

The people who make these systems are really careful about choosing the right materials and using advanced techniques to make sure the profiles (which are like the building blocks of the system) are super high quality. This is especially important in places like the Indian subcontinent where the UV index can be really high.



Maintenance Free

These systems are made with really good materials that don't need a lot of upkeep and can last as long as your house. That means you won't have to spend a lot of money on repairs anymore. Say goodbye to those pesky repair bills and hello to a more worry-free life with Mahalaxmi Aluminium!



Wind Load

This system is so strong that it can handle wind pressure of over 3000 Pascal. That's like a really fast wind speed of 245 km/hr! That means that modern high rise buildings can use this system to stay safe during storms.



Fixed Windows

A Fixed window is one that cannot be opened or closed. They are commonly used where light or vision alone is required rather than ventilation. They are often found in homes with high or vaulted ceilings or installed as an arched window over doors or windows. They are also used in conjunction with other openable types of window.

Features:

- Cleared unobstructed view of outside
- High Energy Efficient
- Best Sound Insulation
- Keeps out rain water, dust and allows maximum sunlight

Recommended For: All Architectural Spaces

Casements Windows

Casement windows swing out to the side or up to open. This allows the window to be constructed of solid glass and offers a less obstructed view overall they are commonly open outwards so as to free space inside and better direct air inwards for ventilation. Many casements have fairly large glass panes to provide ample light that is uninterrupted by muntin bars or other framing. Casements also typically offer more open ventilation area than other window types.

Features:

- Double sealing to keep out noise, dust and pollution.
- Protection against rain water and dust
- Heavy Sound Insulation
- Single and Multi-point Locking Available

Recommended For: Bedrooms, Kitchen, Study rooms, Bathrooms and AC Rooms



Sliding Windows

In the case of sliding windows, the shutters are movable in the frame on roller bearings. The movement is mainly horizontal based. Ease of function and increased ventilations are its main advantages. For longer openings, if more ventilation is needed, 3 track frames are also can be used.

Features:

- Low space consumption as it need no extra space when opening.
- Improved Ventilation
- Water Drainage Track for heavy rain
- Multi-track and sash options to cover larger spans
- Air-tight seals to keep out noise, dust, heat and pollution.

Recommended For: Bedrooms, Balconies, Large/Tall Openings

Tilt and Turn windows

This type window opens on two axis; swing towards the inside with side hinges and tilts and opens at a particular angle from the top along with hinges at the base. The great benefit of tilt and turn windows is the varied ventilation options they provide. It is suitable for any size of openings.

Features:

- Offer possibility of large views
- Multi point Locking for Better Protection
- Customizable with addition of track and sash

Recommended For: Large/tall Openings, Balconies and High-Rise Buildings



Parallel Windows

Parallel windows are designed to withstand strong storms, especially in areas exposed to strong winds, rain and salty air - which can damage traditional wooden frame windows, and thanks to increased safety standards, the window offers great elegance.

Features:

- Open in & Open OUT
- Multiple locking for more security
- Ease of movement
- Modern and elegant with great aesthetics

Recommended For: Bedrooms, Balconies, Large/Tall Openings

Casement Door

Single and double-leaf doors are suitable for opening inwards and outwards. They can be used as the main entrance door or as an additional access door to the corridors, terraces or balconies. The swing doors are available with a profile depth and can be manufactured as free-standing elements or as part of a partition wall with integrated fans and/or side lights.

Features:

- Modern and contemporary look with soft lines.
- Multiple locking options, including all-round locking
- Aluminum threshold or low threshold
- Choice of hinge type, including concealed hinges

Recommended For: Large/tall Openings, Balconies and High-Rise Buildings



French Doors

sophisticated charm to your property that a sliding system can't offer. Providing 3D hinges, multi-point lock, shoot bolt etc., strong single or double leaf doors can be prepared.

Features:

- Better Sound and Water resistance
- Multi-Point Lock for enhanced security
- Expansive and easily accessible openings
- Smooth and efficient Functioning

Recommended For: Entrances, Rooms, Bathrooms, Kitchens and other areas

Sliding Doors

Sliding Doors are usually made up of two or more Sashes slides from left or right through the tracks. Sliding Doors are ideal for homes that require space-economy. With the addition of more tracks and sashes we can make it wider and taller. It can deliver high amount of light in to your spaces with its customizability in design.

Features:

- Offer possibility of large views
- Multi point Locking for Better Protection
- Customizable with addition of track and sash

Recommended For: Large/tall Openings, Balconies and High-Rise Buildings



Bi Fold Doors

If you are planning to get a full view of your gardens or courtyards, the latest generation sliding folding doors are your option. Sliding Folding Doors can be stacked either left or right end with no views is obstructed. It can useful when you need to either partition your halls or room or join two halls or rooms. When closed it is extremely secured and insulated, and comes across as a beautiful wall of door panels.

Features:

- Offer expansive opening
- Offers Unobstructed Views
- Multi Point Locking System for enhanced security
- Contemporary and stylish look

Recommended For: Balconies, Villas, Luxury Bungalows and Large Openings

Telescopic Sliding Door

Telescopic sliding glass door features the simple and decent design with all the advantages of ultra slim aluminum frame and versatile glass patern. Each door is constructed like a pre-hung door so that it's easy to be installed, both minimal swing and sliding door are available.

Features:

- Telescopic mechanism creates more passage width with the same operator width
- Slender FLEX profile system for transparent entrances
- Suitable for 19 mm double glazing
- Lateral closing edge with rubber safety profile
- Low k-value of frame due to double glazing
- Excellent insulation features thanks to interlocking side seals and top and bottom seals



Synchronized Sliding Door

Our perfectly synchronised opening mechanism, allows both the doors opening by just pulling one door, makes this an appropriate solution for walk-in wardrobes or for conference room entrance. The main advantage of the top hanging system is that it is track free on the floor, this makes it perfect for interior doors. This system comes with two mounting options - ceiling and floor.

Features:

- It can be scaled from floor to ceiling and move effortlessly with their spring-loaded wheels. It do not need to be attached to the carcass/ internal storage and can stand independently.

Slimline Partition

Grid partitions also come with swing doors and sliding door. Typically, the door is made of the identical material, but exceptions are possible.

The size of the door and hardware are chosen by the client or the designer to conform to individual standards. Door accessories such as door hinges and handles are customized as well, and the client can opt for a locking or regular handle depending on the needs.

Our steel and glass systems include grid partitions and door systems both swing and sliding. Every steel-framed solution we produce is completely bespoke and made to order. This ensures that we fabricate the exact design and finish required for your project.



Mahalaxmi Glass & Aluminium

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