

ARAM[®]

ALUMINUM & GLASS SYSTEMS
آرام لأنظمة الزجاج والألمنيوم

PURSUANCE PROJECTS AS YOU IMAGINE

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ARAM

ARAM is a Saudi factory as an extension of previous experiences that met to work on the highest international standards with local expertise. ARAM has invested in these experiences to form a leading Saudi brand in the field of manufacturing glass and aluminum systems in the Kingdom of Saudi Arabia. To meet the demand of the Saudi market, which shows an urban growth and architectural development by providing highly efficient services, new solutions and products. ARAM products meet the highest requirements of design, comfort, security and energy efficiency.

Through our modern production facility and strict quality controls along the entire production line, we ensure the creation of superior products of high added value. Our continuous development leads to offering unique solutions with many innovative features, which totally meet the needs of our customers.

Mission & Vision

Our mission is to improve the quality of people's lives by enhancing the performance of their buildings, with products of the highest quality, technology and aesthetics. We provide various solutions for people with special needs with high energy efficiency through advanced thermal insulated aluminum systems and shading systems.

Our vision is to be a leading company in developing and producing aluminum systems for architectural applications, by work to serve individuals and agencies through excellence and creativity in products and services.

Regional Support

ARAM FACTORY, based in Qassim in the middle of Saudi Arabia to serve the projects requirements all over the SA in terms of:

- Aluminum systems products.
- Architectural project requirements.
- Customized solutions.
- Performance testing.
- Costing estimations



Architectural Glass Facades Systems

- Curtain Wall System
- Vortex Structure System
- Smart Structure System
- Spider Glazing System

ARCHITECTURAL GLASS FACADES



Curtain Wall is ideally combines aesthetics and high performances. The construction of the building's envelope is done by assembling big panels consisted of many glass frames, either structural or with visible aluminum covers. Its minimal design offering reduced sightline, compared to other typical Systems.

Application of various hinged typologies:

- projected, parallel projected and tilt and turn windows.
- Application of sliding typologies.
- Effective water evacuation.



Vortex Structure is combines aesthetics with structural robustness. Modular units, including glazing panes, are prefabricated in workshop conditions and this results in a fast installation. This construction mode is ideal system for high rise buildings.

- High product quality thanks to prefabrication in workshop conditions.
- Certified performances in terms of air, water tightness and wind pressure.
- Easy replacement of broken glasses.



Smart Structure is a complete system for high energy efficiency system, which offers quality constructions in affordable prices and fully meets all stability and safety requirements. Its Structural Silicone Glazing construction offers maximum transparency at the external surface of the facade.

- Projected windows can be applied.
- Guaranteed performance quality in terms of air-water permeability, wind pressure.
- Increased sound insulation level.



Spider Glazing is a part of the frame-less glass system where they provide a flush external appearance with uninterrupted views. Spider glazing is a very flexible and contemporary design medium that can create designs with vast expanse of glass, frame-less entrances and canopies.

- All doors and windows can be inserted in the spider glass area.
- Tempered or heat-soaked glass used in the system to have the performance of a safety glass facade. The glass thickness that is used is usually 12mm thick.



Sliding Systems

SG-3P3L - SG-4P2L - SG-2P2L - SG-2P1L
FGD-670 - FGD-116 SG-4P4L - SGD-460



SLIDING

The thermally insulated sliding SG-3P3L is the ideal solution for projects requiring wide spans with minimal aluminum sight lines. Massive yet elegant glazing surfaces are achieved while maintaining high functionality, performances and minimal architectural design.

- Differentiation in the market through high-end systems that follow the modern architectural trends.
- Specifications for people with special needs.
- Ideal for wide spans.
- Maximum ease of use and high functionality.

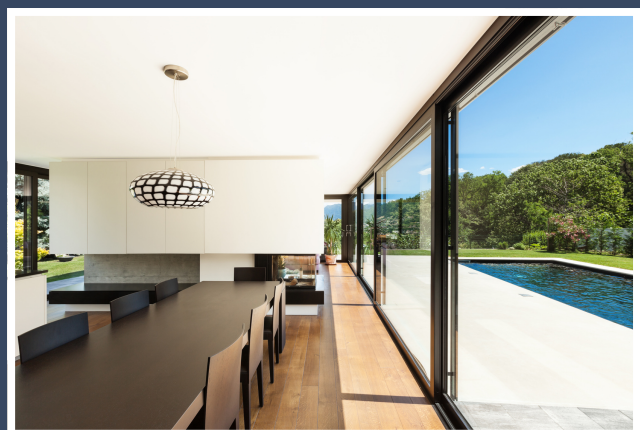


SG-4P2L is an innovative insulated sliding system which incorporates all the modern architectural trends and the requirements for high energy- efficiency. It is an ideal option for the very demanding SA market.

- High Energy Efficiency.
- Increased static loads and functionality in case of severe weather conditions.
- High level of sound insulation.

SG-2P2L sliding system with extremely elegant lines. It meets the modern architectural trends and the requirements for especially high performances and is the ideal solution for areas with warmer climate.

- Construction flexibility.
- Wide variety of typologies.
- High quality with certified performance.
- High functionality.



SLIDING

SG-2P1L the thermally insulated window system offers an extensive range of solutions like the opening types such as horizontal and vertical opening system to meet a variety of building requirements. A wide range of profiles is available within the system. It gives you great possibilities in applications of slide window and is the optimized solutions in terms of dimensions of its profiles and frames. With its high thermal and sound insulation, combined with excellent water and air tightness, it meets all the requirements for energy conservation and environmental protection.

- High water and air tightness assured by specially shaped gaskets and hardware that allow the leaf to embed on the frame in the final stage of closing the leaf.
- Variety of architectural solution and typologies.
- Easy maintenance.



FGD-670 is a world-class highly insulated folding door system with bottom-slide operation, which combines minimal aesthetics with outstanding performance, very large dimensions with literally low sight lines, enhanced burglar protection with a very large variety of solutions.

- Very large dimension in terms of height (up to 4.0m), vent width (up to 1.5m) and total span width.
- Smooth operation and long-lasting flawless functionality
- Extreme performance in terms of air permeability, wind load resistance and water tightness.

SLIDING

FGD-116 is glass folding doors are easy to operate. Slide and fold each glass panel to create an open plan look and feel. We manufacture and install to order you can customize glass types, frame colors, your opening direction and panel width. We work with you to create the best solution for your opening. Our folding doors are completely frameless. They are secured with a mechanical lock that creates a compression between each panel.

Between each glass panel there is an invisible weatherproof seal that creates an airtight compression. As a result, there is no wind or rain that will penetrate the system when closed and locked.

Type of glass used in the sections is a 10mm toughened clear class. Weatherproof seals were applied to the glass to prevent any rain or wind from entering the alfresco area.

Surface mounted floor track, 8.6m length, 3.2m height.

- Mainly used applied to the workshop, shopping center, office building exhibit hall, house partition for both interior and exterior use.
- Continually looking add valuable square meters



SG-4P4L is sliding glass patio doors that make it possible to leaving the view completely unobstructed, to fully enjoy your outdoor space. In fact, the maximum transparency of the panels discretely marks off the limits of the outdoor space accentuating the feeling of continuity between interior and exterior, between home and landscape.

The sliding glass doors used consists a single 8- or 10-mm thick sheet. Depending on the number of tracks, the doors can be from 60 to 160 cm wide.

- Variable dimensions that allow protecting even very large spaces like a hotel or restaurant terrace or garden or large outdoor areas for residential use.
- Made of tempered glass that guarantees maximum safety even in the event of breakage.

SLIDING

SG-4P4L is a glass door appropriate whether your office design incorporates glass partition walls or traditional drywall, incorporating glass doors for the office is a great way to introduce additional natural light and provide visual access to what is going on in the greater office space. Communicates its perfectly coordinated design and quality in detail. Style and security are indicators of timeless beauty and durability. The Office room dividing doors, reduced to the essentials with modern characteristics, make a confident statement of commitment to a contemporary interior. The function of a door determines its appearance. The Office glass door range provides a choice of clear or frosted finishes. Clear glass ensures for generous spaces, while frosted glass doors brighten the rooms and separate them visually. The Office glass partition wall provides choices of a clear surface with frosted lines or clear lines on a frosted surface for the privacy of a closed door - yet allowing the natural light to penetrate the room.

- Doors can be customized to fit nearly any office and will enhance a wide variety of office designs.
- It can also be used in houses as kitchen or partition doors.



Automatic Sliding Door SGD-460 is effectively installed in various restaurants, hospitals, shopping malls, banks and corporate offices. They work on a sensor-based system which facilitates the opening of the door whenever someone comes near to it. This door is manufactured with a high-quality glass material and metal alloy frame and panels to ensure its true performance. It has been installed with a quality sensor which controls its automatic operation. They give a graceful look to the structure where they are applied. Automatic Sliding Doors are solutions devised to meet the modern requirements of interior design. They smartly enhance the look of commercial areas and work environments.

- A complete range of automatic systems for sliding pedestrian doors (single leaf, double leaf, telescopic) curved doors and revolving doors are available.
- Intelligent microprocessor based control unit provides a wide range of functions.
- Maximum clear opening available up to 5m.



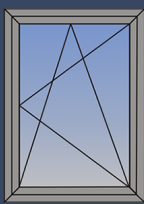
ARAM®



HINGED

The system HG360 was specially designed to meet the high requirements of passive houses. It is ideal for heavy duty and energy efficient constructions offering a high security level. The system's development was driven by the need for best in class performances in terms of thermal insulation, water tightness, as well as sound reduction. It is the ideal solution for projects that require high performance and maximum security. Depending on the architectural requirements, the highly thermally insulated aluminum system can be used as a punched opening, ribbon window, facade insert unit. A wide range of profiles is available within the system platform. The wide range of opening types includes designs such as side-hung, turn/tilt and tilt/slide vents as well as barrier-free opening and double-vent units.

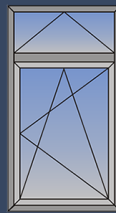
- Ease of use and high functionality.
- Wide variety of typologies and solutions.
- High level of sound insulation.
- Increased static loads and functionality in case of severe weather conditions.
- Suitable for Passive House constructions in regions that lie in warm/temperate climate zone.
- High energy savings due to the high energy efficiency of the system.
- Modern design for windows either with flat or curved line.



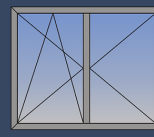
One sash tilt and turn



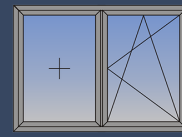
Tilt and turn with fix light on top



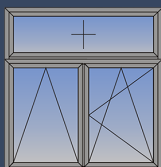
Tilt and turn with fanlight



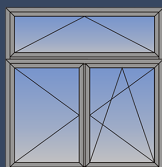
Double tilt and turn window



Double tilt and turn with light



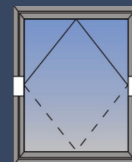
Double tilt and turn window with fixed light



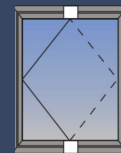
Double tilt and turn with fanlight



Double tilt and turn with fixed lights



Horizontal pivot windows sideways



Vertical pivot windows sideways

HINGED

HGD is a thermally insulated hinged doors system suitable for areas with warm climate and ideal for replacements, offers great level of security and functionality. These patio doors are designed with clean, narrow sight lines that only the strength and stability of aluminum can provide. Aluminum doors can withstand extreme weather conditions.

- Entrance doors with ease of access according to specifications for people with special needs.
- High energy savings due to the high energy efficiency of the system.
- Increased level of security.
- High quality with certified performance.



Pivot doors HGDP are a perfect way to make a grand entry for any residential or commercial building. This entrance can be a true statement and sets the tone for the rest of the interior. Pivot doors can be fit to use as an exterior door. Create a new dimension between in- and outdoors with a pivot door as your grand entrance. Pivot doors have become popular because they give a wide, generous opening and a simple, modern appearance that works well. Used mostly on high-end and custom homes, pivoting doors are benefiting from two converging trends in home building: houses with a greater indoor/outdoor connection and increasingly larger doors to facilitate that kind of lifestyle

HGDFL internal glass door, whether clear or frosted, has a timeless design. Nowadays the emotional aspects of a lifestyle are redefined: a home is created to be a delight for its owner. In earlier traditions and styles, all rooms were completely separated from each other. Today's modern fashionable and sought-after interior designs seek to connect the living areas in the home for a larger, more comfortable social space. This can be achieved by incorporating a clear glass door with a delicate pattern - as provided by our Octavia glass door collection - between the kitchen and dining areas. Creates even greater value and versatility in a modern home. The clear surface with frosted lines, or clear lines on opaque glass doors, generate a separated yet connectedness between the rooms. This allows the light to move between the areas without being intrusive





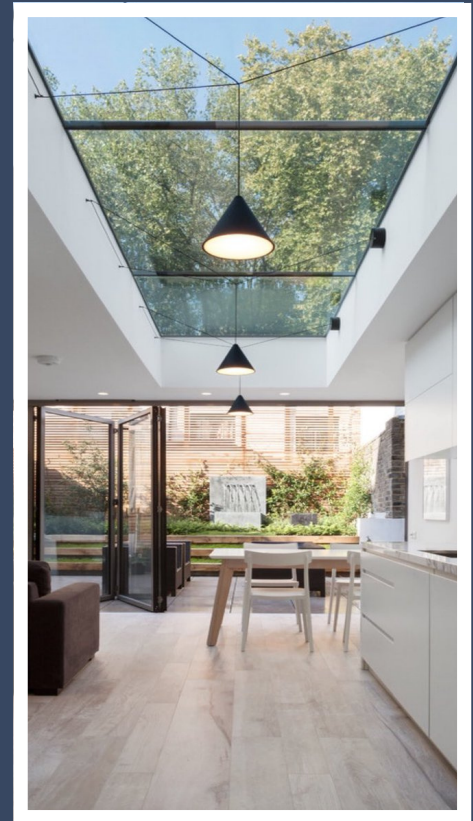
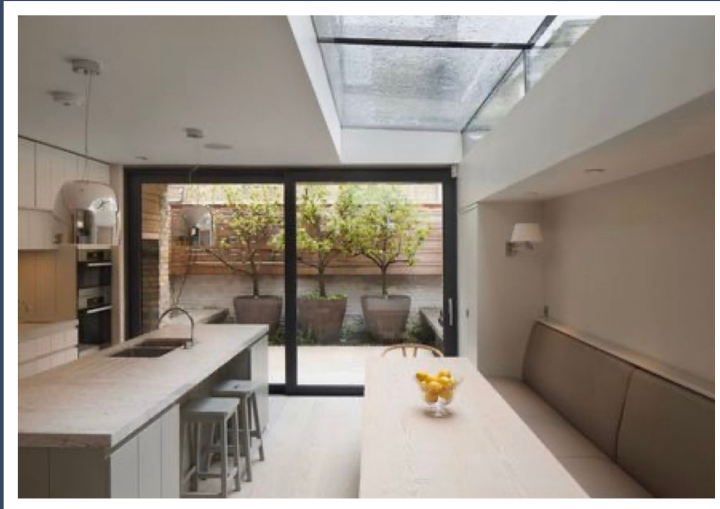
Internal Products

Skylight - Glass Floor

Railings - Partitions - SmartGlass

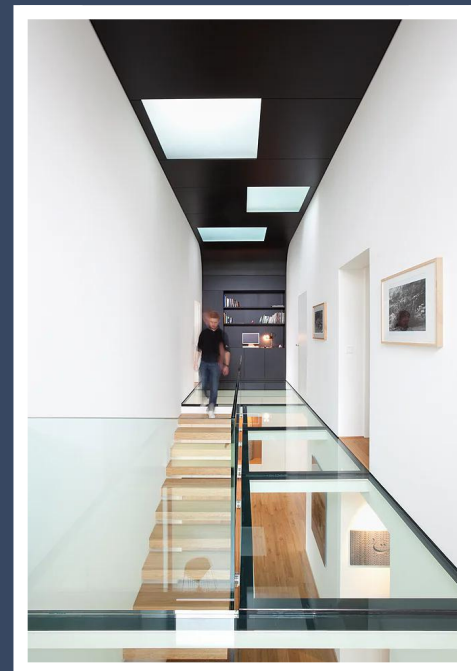
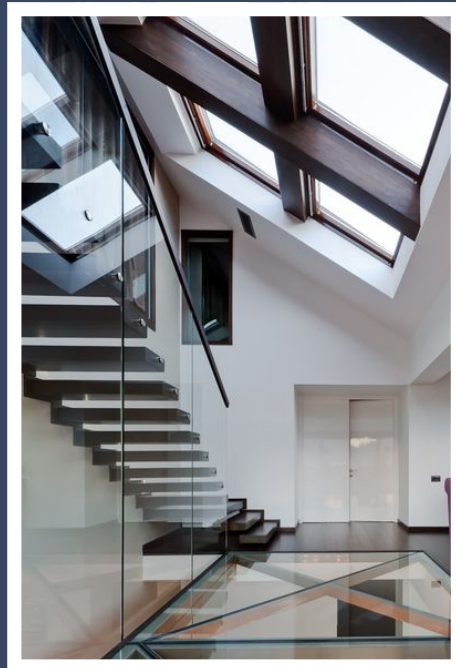
SKYLIGHT

Skylights is in popular demand where natural light is used to create spacious and open architecture. At the same time the performance of such solutions must cover fire-resistance. skylights offer many advantages. Not only do skylights allow more natural light into your space, but they also create a healthier, more productive environment.

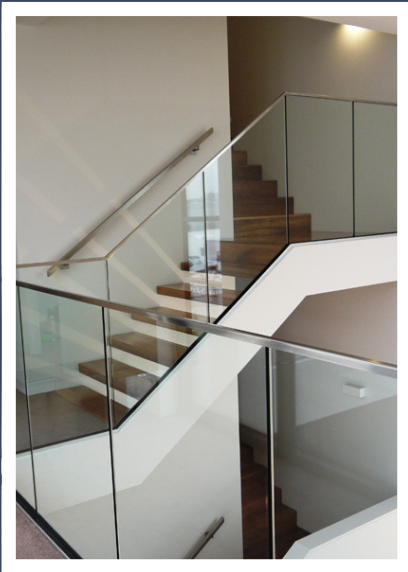


GLASS FLOORS

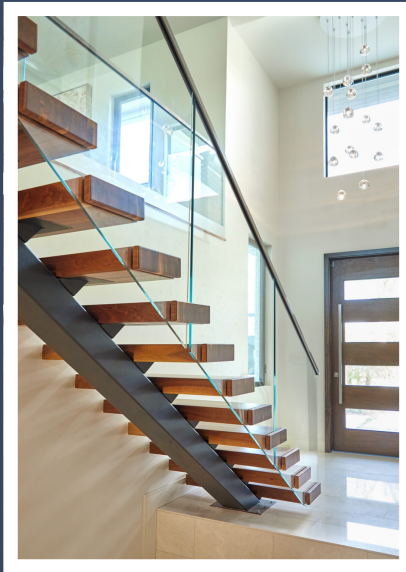
A glass floor is a stunning, dramatic addition to any interior space. Not only does glass flooring offer aesthetic appeal, but it also allows for light to flow into the space below. The unique benefits of glass flooring continue with its superior, rigorously tested framing system and its exceptional engineering support and design flexibility. With a beauty and simplicity that can't be matched, Glass Flooring system is the perfect solution for any glass-flooring project



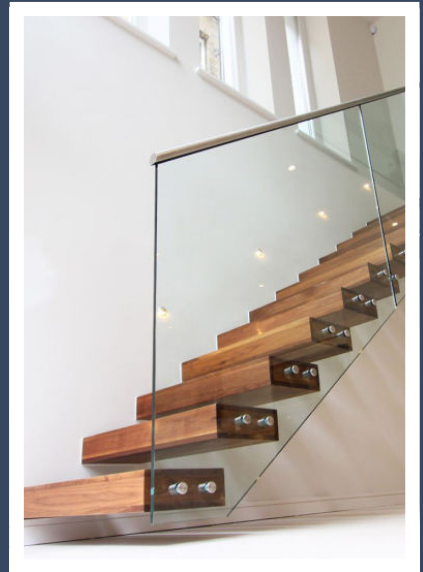
RAILINGS



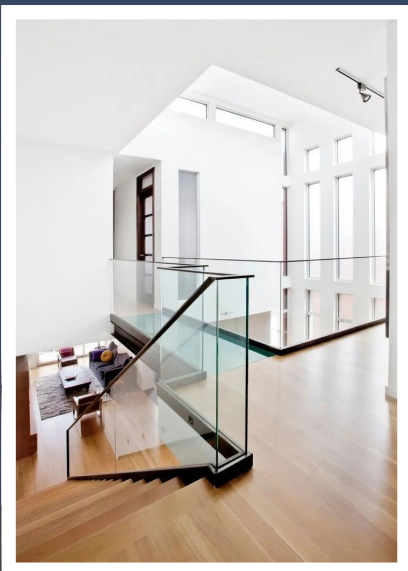
Glass railing with stainless steel clamps (stirrup). This system is clean and easy and there are many clamps designs available



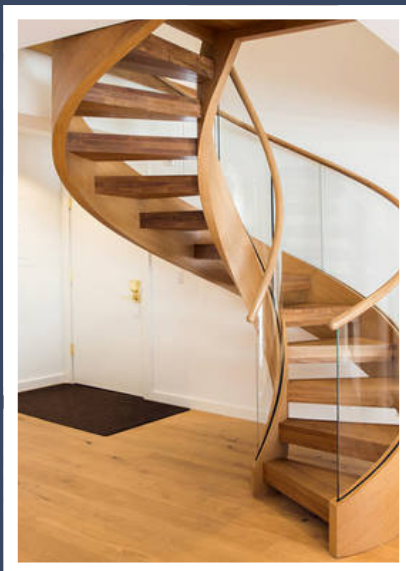
Hidden cantilever stairs using standoff glass railing system where the glass panels are secured with standoffs



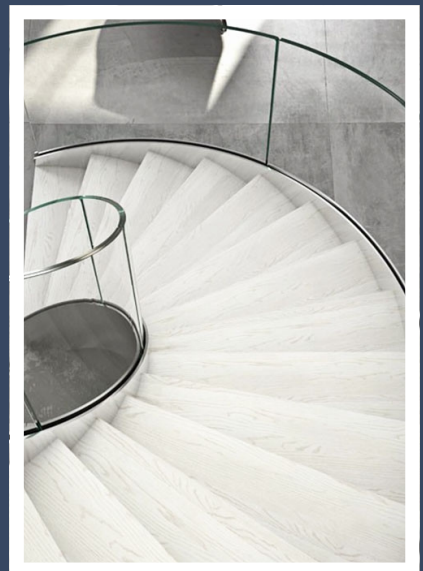
Standoff glass railing is a system where the glass panels are secured with standoffs (round stainless-steel cylinders)



Glass railing with visible u-channel (rail), in this case we fix the glass rail on top of the floor using an aluminum or steel channel



Curved glass stair railing, by using curved u-channel (rail) infuses modern style into the entire home



Glass railing with invisible u-channel (rail). If you want to achieve a seamless design, we suggest hiding the rail in the floor as shown in this picture.

PARTITIONS



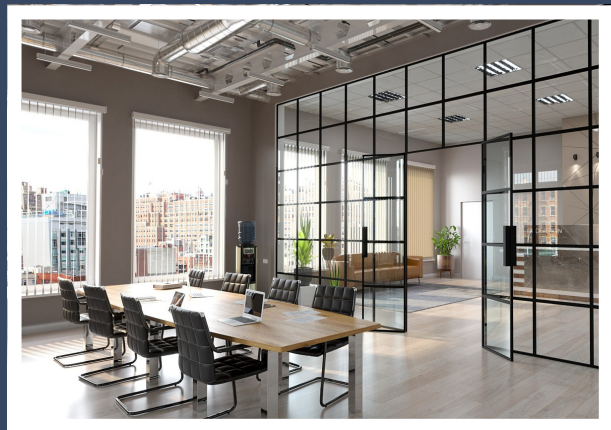
Single glazed partition walls are toughened glass held in place by hidden U-channel track or aluminum profiles.



Toughened glass partition walls held in place by visible U-channel track powder coated as customer choice.



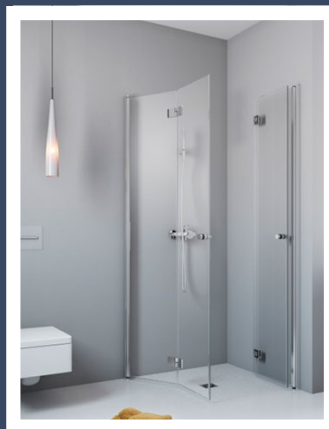
This is a flexible system for creating interior partitions with a thin visible aluminum grating. For uses that require high sound insulation.



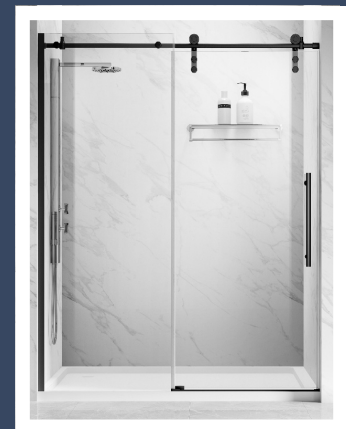
Aluminum frame glass partition you can choose any design, while considering a partition for your space.



Aluminum frame glass partition you can choose any design, while considering a partition for your space.



Custom frameless clear tempered glass shower enclosure.

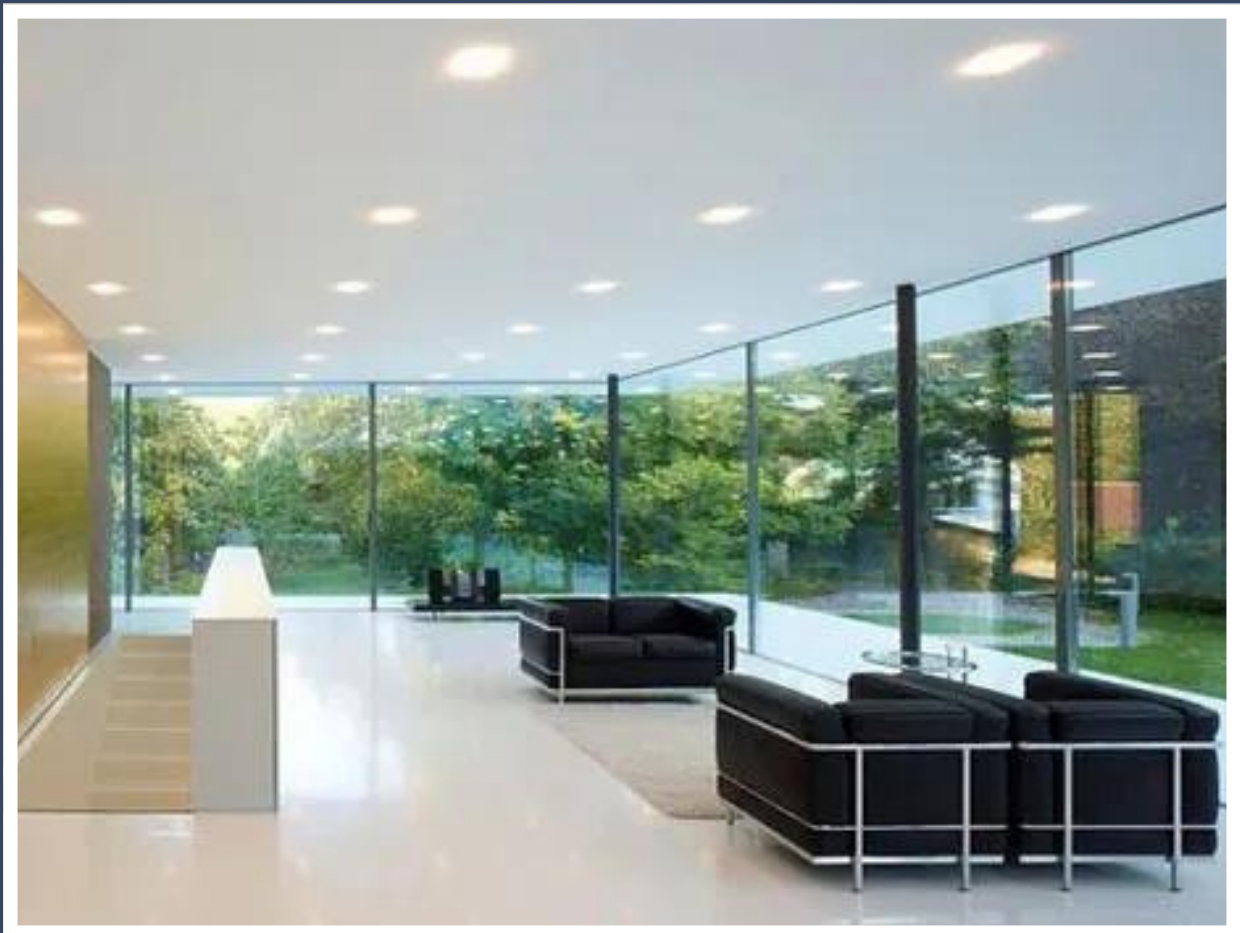


Frosted glass partitions, held in place by black U-channel frame.

SMART GLASS

Based on the latest polymer dispersed liquid crystal (PDLC) technology, smart glass (also known as switchable smart glass) is glass that turns from frosted to clear, operating using a simple ON-OFF system, switching instantly at the press of a button. This technology offers a versatile remote controlled privacy solution that can be used for projection and interactivity as well as assisting with security, energy concerns and style.

Efficient & easy to use, smart glass presents an effortless solution to your privacy needs. Transform your space instantly with the flick of a twitch or touch of a button. Smart glass can be used to enhance a range of projects, both interior and exterior. Common uses include architectural windows, skylights, doors or interior partitions.





Outdoor Products

Architectural Aluminum Facades

Sunbreakers - Sunshade - Shutter

Glass Room - Glass Fences - Entrance Door

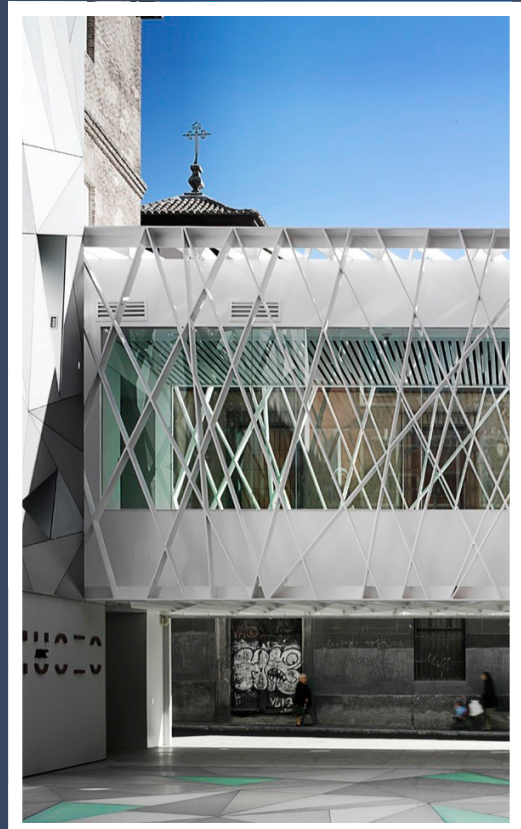
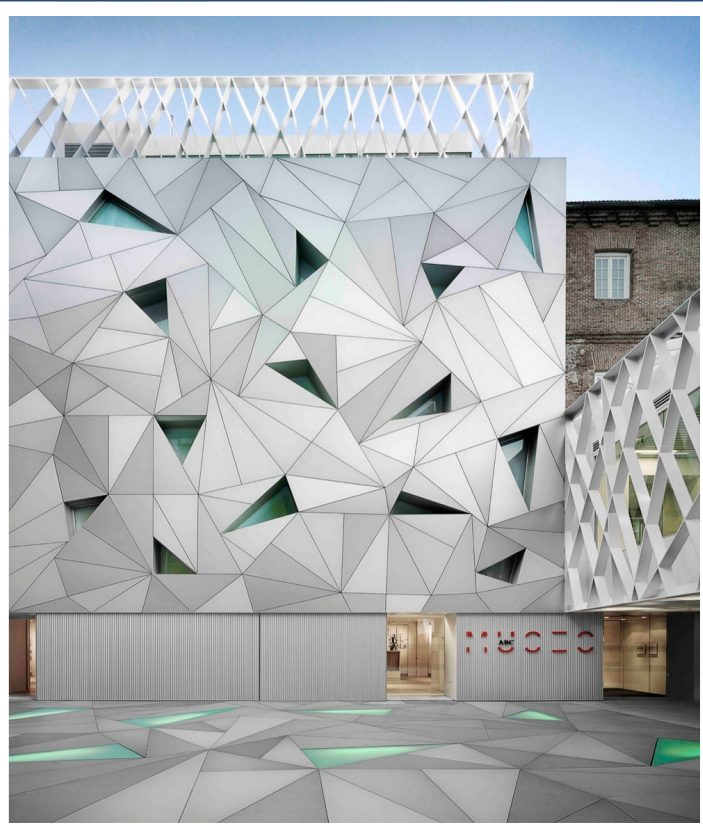
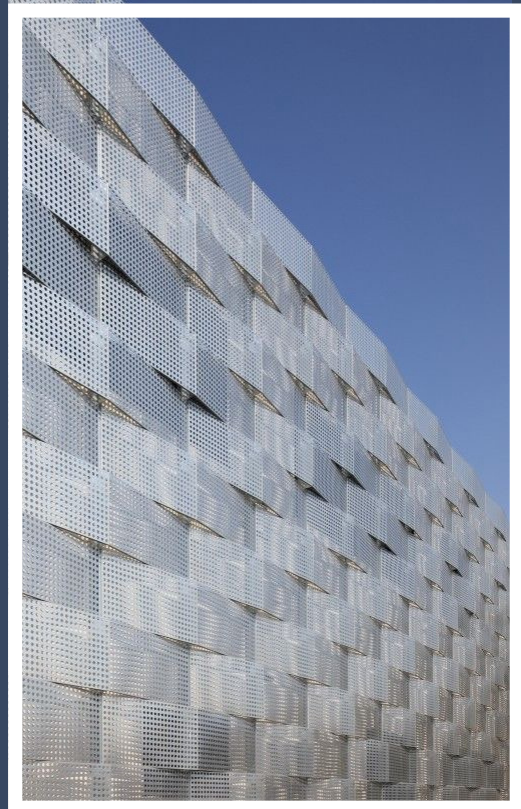
ARCHITECTURAL ALUMINUM FACADES

As the main choice of exterior façade decoration, we use aluminum panel it's processed from high-quality aluminum plates. With a variety of processing procedures such as of shearing, punching, bending, arc-rolling, welding, burnishing, riveting assembling, rib assembling, polishing and spray coating, then the aluminum plate processes into panel, the material of metal curtain wall/ façade. There are three main types:

Expanded mesh panels, made from aluminum plate that is uniformly punched/slit and stretched, forming openings of diamond / rhombic (standard) shape. Being expanded, the aluminum mesh plate will be in shape for a long time under normal conditions.

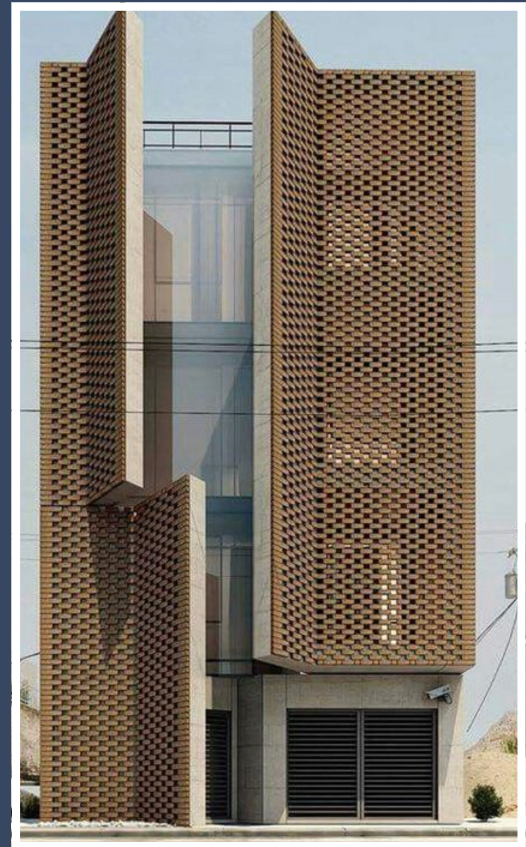
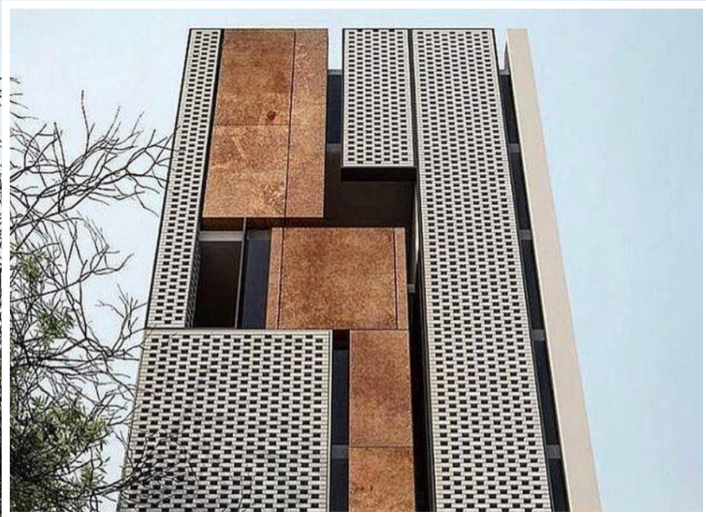
Perforated panels, also known as perforated sheet, is a sheet of aluminum that has been mechanically stamped, perforated using cnc technology or in some cases laser/water jet cut to create holes of various sizes, shapes and patterns.

3D aluminum panels, made of high-quality, high-strength aluminum alloy sheet. 3D panels can be different shapes, such as arc, ball, hyperbolic and so on. Color and size can be customized too.



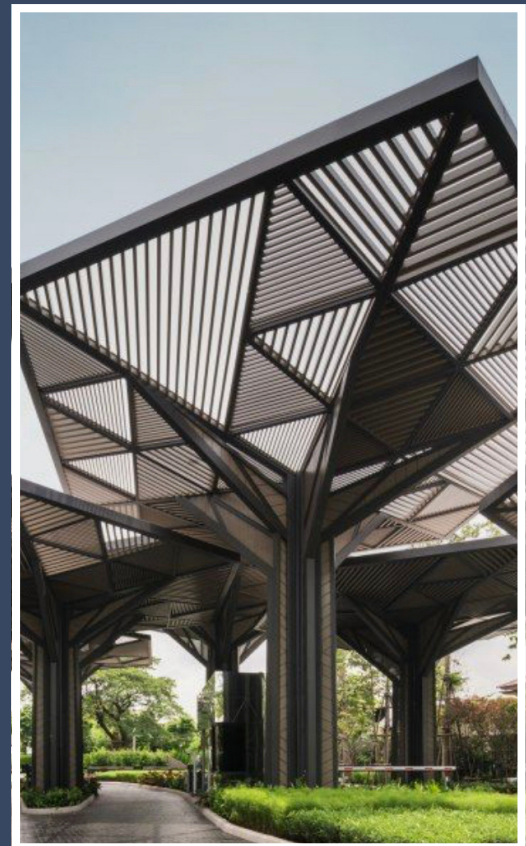
SUNBREAKERS

Sunbreakers are an attractive system of ensuring living comfort in buildings. These are aluminum profiles of ellipsoid or rectangular shape, fixed or adjustable, mounted on an aluminum or steel construction in front of the glass facade of the building. Fixed slat sunbreakers are often used as an aesthetic solution for enveloping the entire building or part of it, even in places where there are no glass surfaces.



SUNSHADE

Sun shading system for outstanding bioclimatic pergolas or perforated aluminum sheet sunshade, is characterized by the high durability and the innovations it incorporates, offering ideal shading solutions for outdoor applications. Efficient protection against sunlight, rain and other weather conditions, high aesthetics and minimal design with emphasis on detail. Vast range of solutions and possibility of full customization and expandability to meet every need.



SHUTTERS

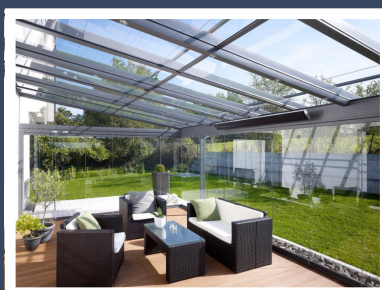
Modern roller shutters are the perfect addition to any home. It's an all-in-one solution for home security, insulation and privacy. Designed to be retrofitted over windows and doors, a shutter can bring bill down. With a variety of colors and styles to choose from, we can arrange the most suitable roller shutter for the house.



GLASS ROOM

Outdoor glass room, it's an aluminum system. Give that wonderful feeling of being outside. These glass rooms are extremely versatile and can be used for many applications such as an outside dining area and a socializing area for parties and gatherings, not to mention a quiet, tranquil area to relax.

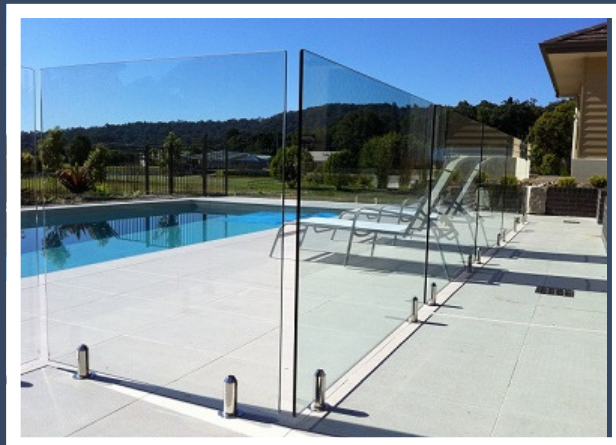
They are also perfect for use as swimming pool canopies due to the large span between posts it leaves the view of your garden and surrounding areas untouched. It's also protect swimming pool water from the dust. The glass sliding doors also enable to you use your swimming pool all year round even in the rain whilst watching relaxing rainfall.



GLASS FENCES



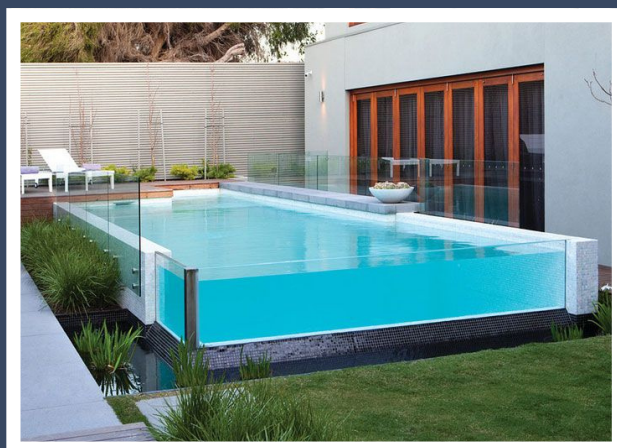
Pool fences made from frameless glass and aluminum profiles around the pool is a smart security measure that prevents kids from having unsupervised access.



Glass pool fences made from glass balustrades (thick sheets of safety glass) and interspersed with metal posts to support the structure.



Frameless glass balcony balustrades to get their panoramic view. Also, used as roof fence made of glass secured with standoffs (round stainless-steel cylinders).



Glass pool walls the design carried out as part of the garden design. Made of laminated glass, an engineer determines the glass thickness required.

ENTRANCE DOOR

Front doors are the center piece of any facade and make an important first impression. Our modern entry doors can be designed and built to your exact specifications and exemplify the perfect balance of aesthetics, durability and energy efficiency. Aluminum is an excellent choice, embodying modern design in a clean look.

Aluminum entrance doors are available in a range of designs to suit any project, from new builds to the renovation of an historic building. Features such as panels and moldings' can be customized to create the right look for any facade.

Options also include RAL colors, decors and finishes, which can be combined to tailor the design to your individual wishes. In addition to the entire RAL color range, there are also numerous other elegant and easy to maintain metallic colors available as an optional extra.

The enhanced security performance of our aluminum entrance doors is always guaranteed. Thanks to the inherent strength of aluminum as a material alongside an integrated dual secure locking mechanism.



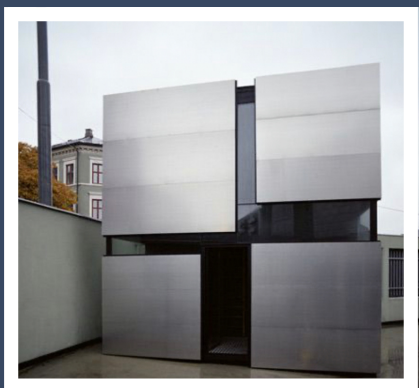
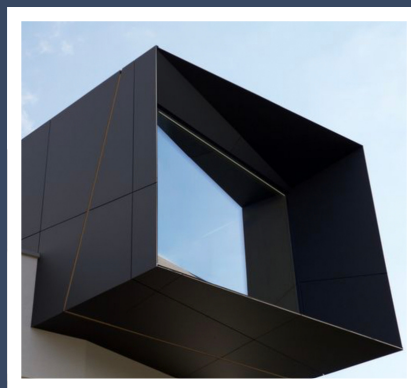
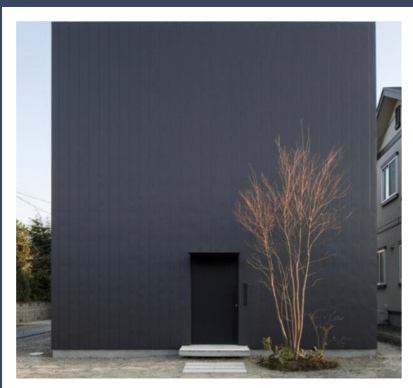
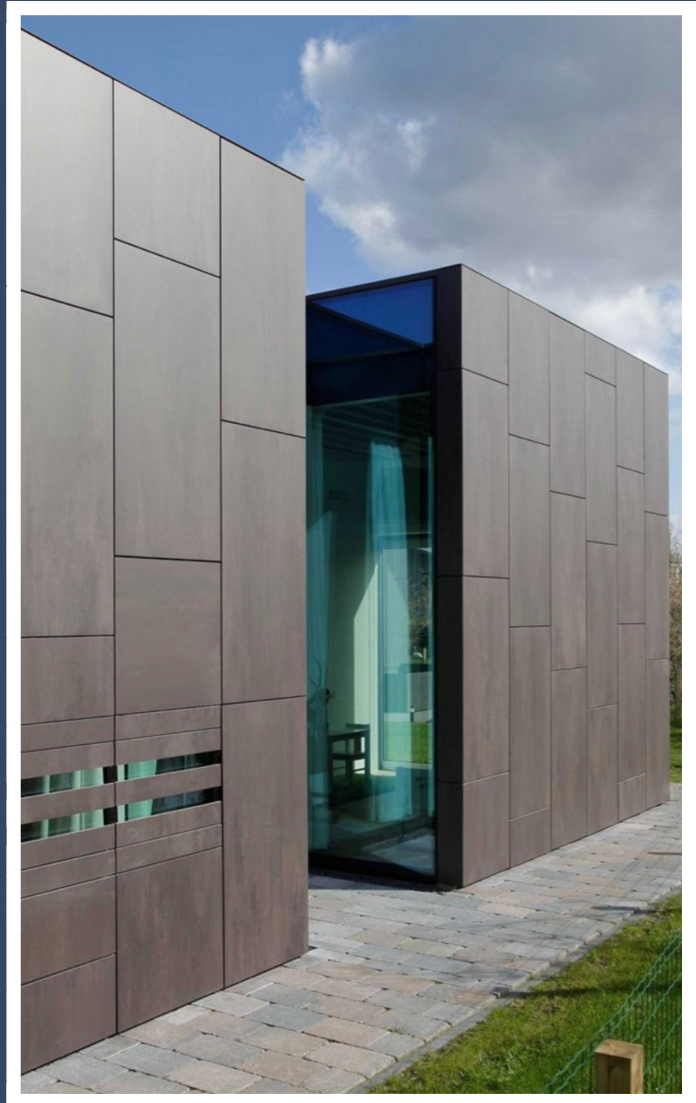


Cladding

FlatPanelFacades
PerforatedPanelFacades
3DFacades

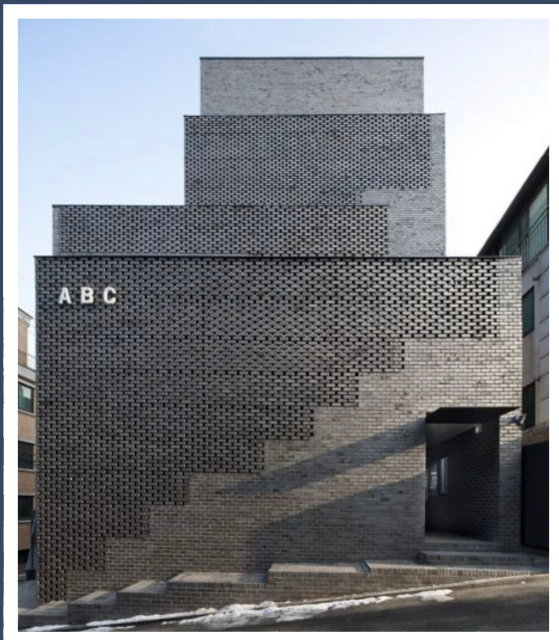
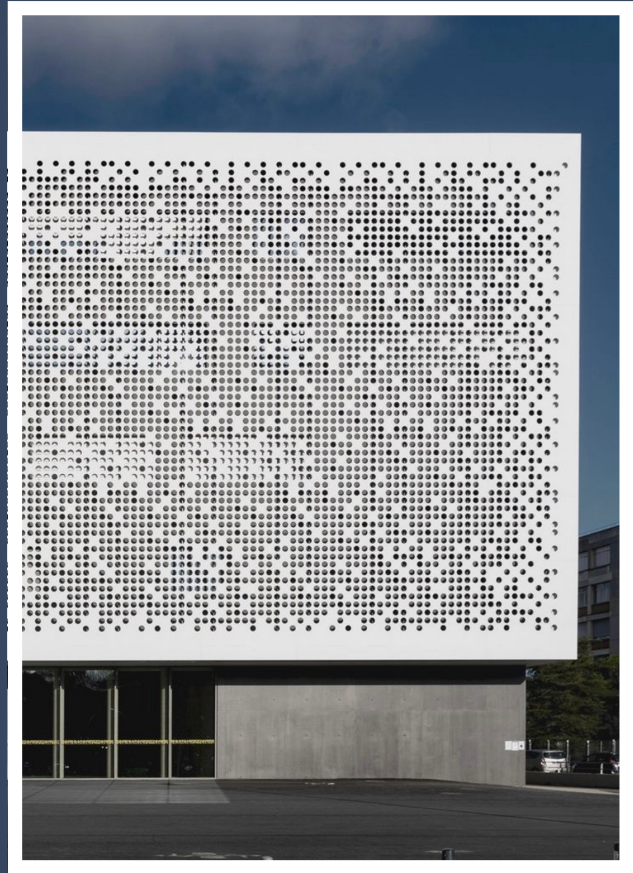
FLAT PANEL FACADES

Exterior aluminum cladding (ACM) are used for the flat panel facades is a three-layer sandwich panel consisting of two pre-painted aluminum sheets bonded to a polyethylene (PE) core. ACM panels are an excellent material for outdoor applications that require good dimensional stability, low weight, and a sleek, brilliant look. Not only functionality and efficiency, but also the possibility for the designer to propose architectural projects of great visual impact, communicating all one's own creativity through the wide range of existing or customizable finishes and colors, allowing evermore different and in any case coherent solutions with the architectural thought that the designer intends to express.



PERFORATED PANEL FACADES

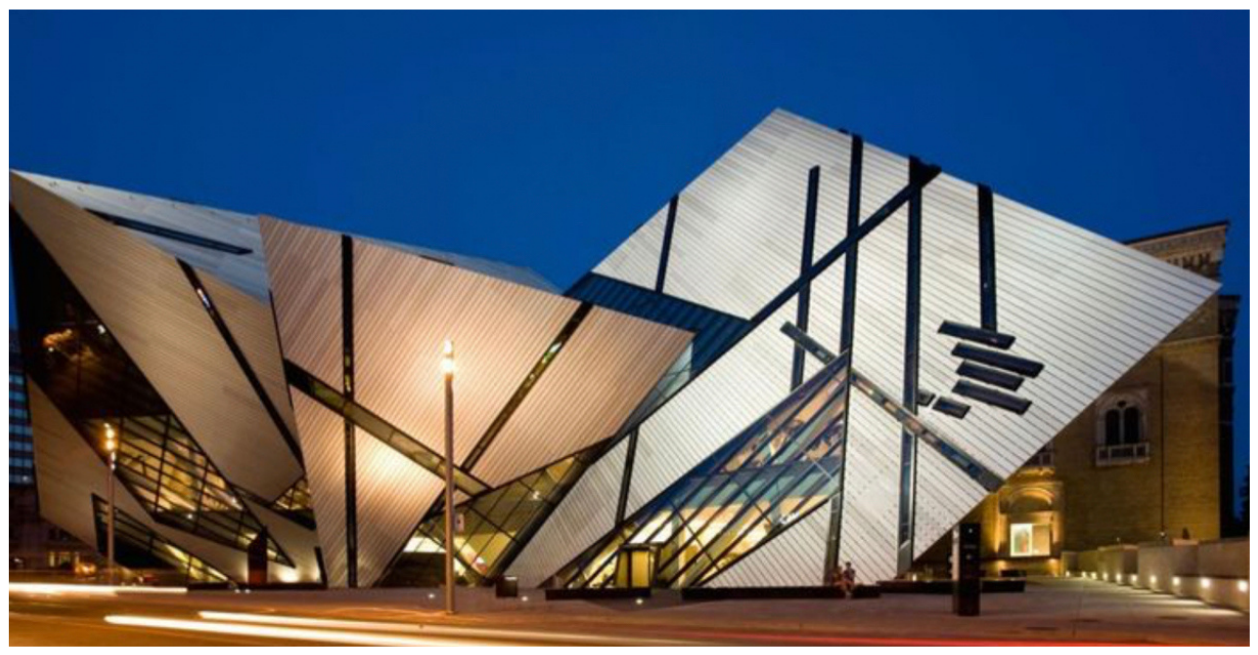
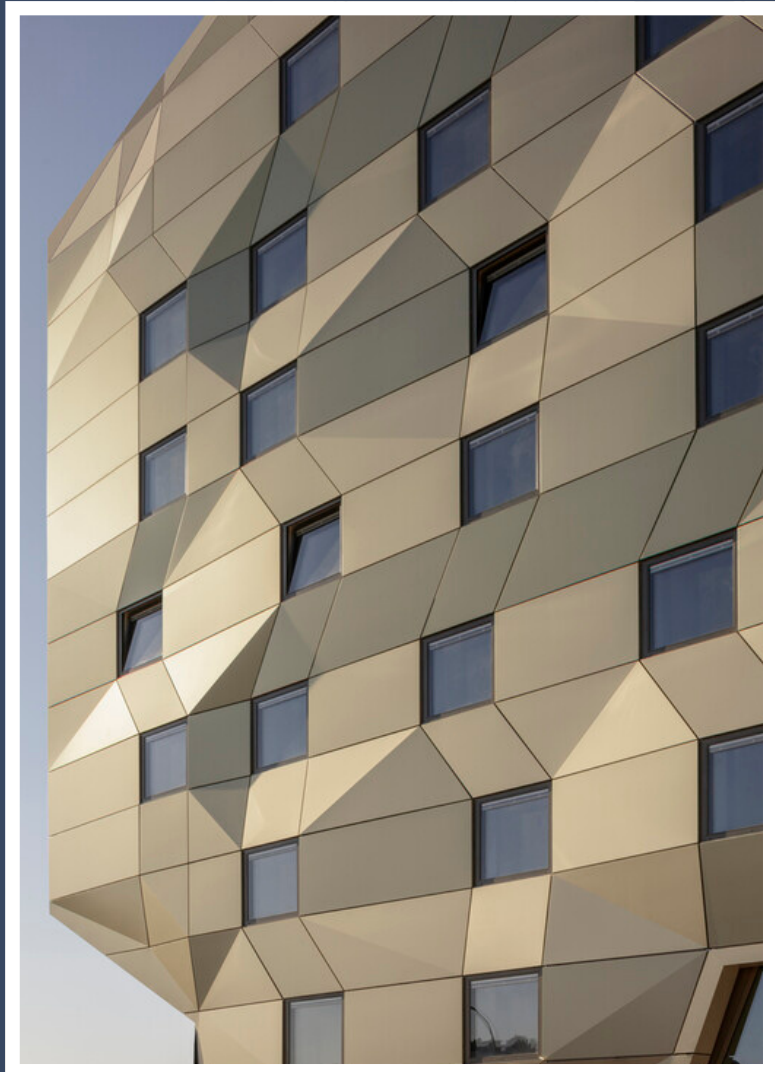
Perforated panel facades referred to use of CNC punching perforated aluminum panel which are manufactured through computer numerically controlled punching process. As a manufacturer, we can CNC punch the architectural decorative aluminum panels. Simple shapes include square, round or hexagonal can be formed directly on the sheet. And complex shapes can be cut out by arranging many squares or rounded cuts around the perimeter. Thanks to our powerful Radan sheet metal software. Perforated aluminum sheet is maintenance-free and has long working life. It is widely used in architectural decoration, for example, curtain walls on modern buildings, office buildings, shopping malls, stations, indoor and outdoor decoration, etc.



3D FACADES

Aluminum cladding panels are traditionally used for 2d facades. Over the years, they have been presented in simple rectangular sheets format in basic and metallic color options. But the panels can be used to create a unique 3d design pattern by making use of its light and malleable structure and ease of processing and fabrication.

Aluminum composite material (ACM) is manufactured as flat panels. Architects are then tasked with transforming this flat building material into functional designs. ACM has the ability to be fabricated, routed, cut and curved. It is lightweight and can be manipulated into a variety of shapes. What this flat panel needs are an architect's foresight to transform it.



FACTORY

Production lines, one of the factory's production lines is for the manufacture of aluminum systems such as architectural facades, sliding and hinged, etc. This production line deals with aluminum profiles to form these systems. Most of the operations are carried out by machines, which are completely Italian made from the EMMEGI, THOMAS and ATLACCOOP companies. The other production line is to manufacture aluminum systems such as cladding facades, entrance doors, etc. This production line deals with aluminum panel to prepare these systems in addition to manufacturing a structure. This line uses a vertical panel cutting machine for regular lines and a CNC router machine controlled by a computer to carry out customized designs. There are also machines to prepare the structure of these systems.

Certificate, ARAM is certified for ISO 9001: 2015 internationally recognized standards. The certificate for ISO 9001: 2015 guarantees the implementation of a quality management system within our organization, based on process approach, risk management and continuous improvement. Quality management also supports the management of our products, employee involvement and customer focus.



MANPOWER

Engineer support, ARAM collaborates with the project designers, willing to support them at the design stage, by providing concept designs along with typical shop drawings.

Facade engineering consultants are supported at the specification stage, guiding them through the product range that complies with the project specifications and the budget compliance.

Manufacturing technicians, the factory's multicultural team of production technicians possesses high expertise which ensures the delivery of high quality products on time. The production technicians will include supervising the control processes, performing various tests on products, writing up reports, diagnosing and resolving problems with products and equipment.

Installation technicians, to ensure the effectiveness of the systems, they are installed by installation technicians who are well-trained in the methods of installing facades, windows and doors, following the recommendations for each system to be used. Installation is carried out according to the shop drawings for each project. After the installation is completed, all work is reviewed by the quality control team to ensure the integrity of the systems from any errors or scratches that occurred during transportation or installation. After that, some tests are conducted on the systems to ensure their effectiveness, such as sound insulation and water leakage testing.

PRODUCTION CAPACITY

High-efficiency suppliers and with most talented workforce supporting factory production to exceed 90000 m² annually for all aluminum systems produced.

SUPPLIERS



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ARAM®

ALUMINUM & GLASS SYSTEMS
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