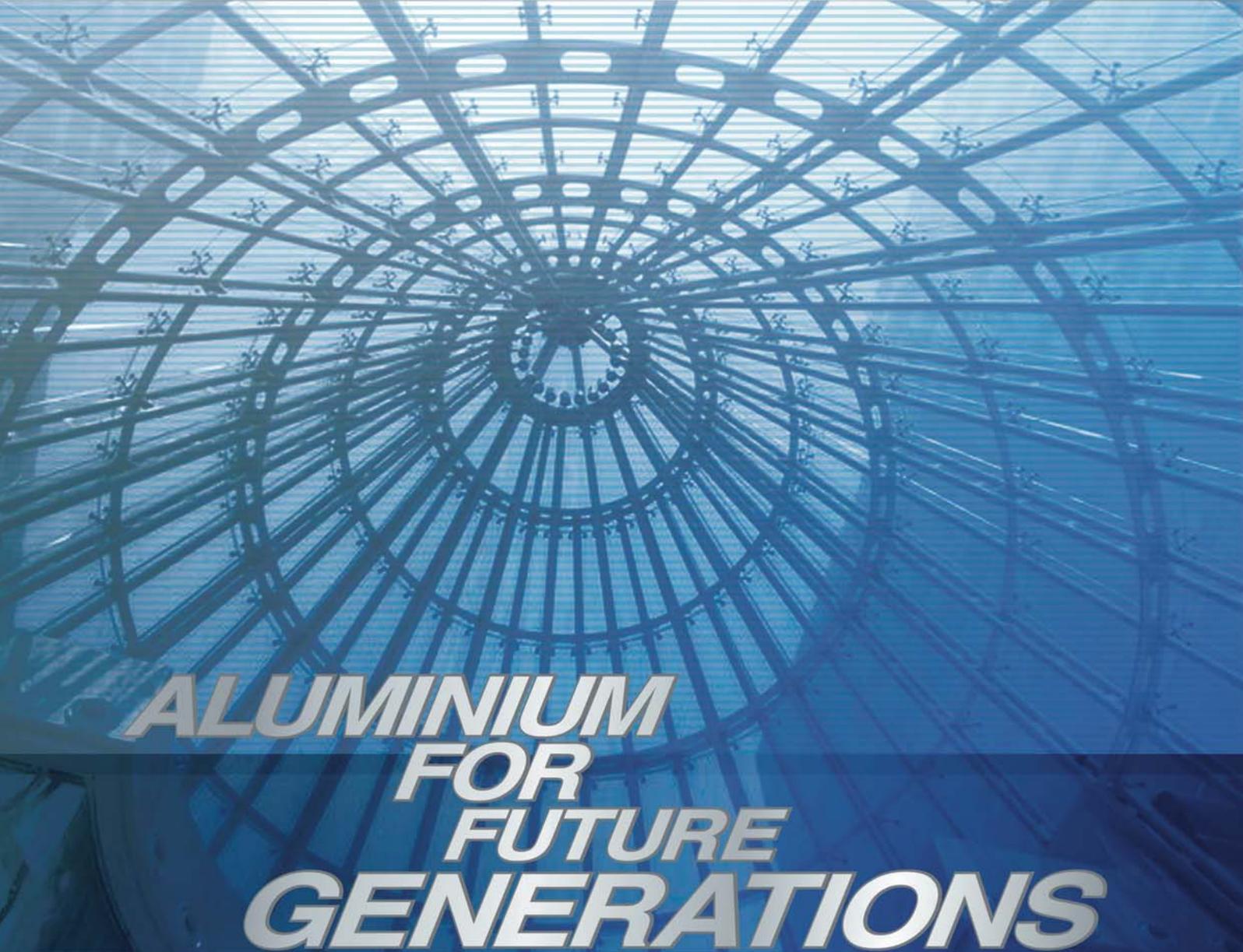




*architectural aluminium innovation*



***ALUMINIUM  
FOR  
FUTURE  
GENERATIONS***

^ High-end Aluminium Window, Door & Facade Products

# the company introduction

**METALGLAZ TECHNOLOGY (M) SDN. BHD.** Involved in the innovative design and distribution of purpose fenestration systems. **METALGLAZ TECHNOLOGY (M) SDN. BHD.** Offer developers, designers, and architect glazing solution for modern windows, doors and curtain walling construction.

In collaboration and technical support from Italy, Germany and China principles, **METALGLAZ TECHNOLOGY (M) SDN. BHD.** Design creativity, improved production technology have allowed the achievement of enhanced production flexibility for a realization of products designed to satisfy the client's need for domestics and overseas markets.

We are specialize in Architectural Aluminium and Glass products offering consultation services with respect to design, fabrication, installation and project management for Commercial Building, Residential, Industrial Building, Resort and Etc.

Products Manufactured by ALUGLAZ TECHNOLOGY SDN. BHD.:-

## **ALUMINIUM GLASS CURTAIN WALL SYSTEM:**

- Aluminium Stick Wall System
- Aluminium Structure Glazed Wall System
- Aluminium Unitised System

## **ALUMINIUM CLADDING SYSTEM:**

- Aluminum Composite Panel
- Aluminium Solid Panel

## **ARCHITECTURAL STAINLESS STEEL AND MILD STEEL PRODUCTS:**

- Sunshade System
- Door and Shopfront
- Skylight and Shopfront
- Column Cladding

## **STANDARD PRODUCTS:**

- Aluminium High End Windows and Doors
- Aluminium Shopfronts
- Aluminium Louvres System
- Aluminium Grilles
- Frameless Glass Assemblies

## **INTERIOR FITOUT PRODUCTS:**

- Stainless Steel Glass Railing
- Stainless Steel Staircase



**INNOVATION**  
**BUILDING TECHNOLOGY**

## Why Choose METALGLAZ Aluminium?

**Appearance, Beauty and Design** With detailed moulding, Metalglaz combines the traditional warmth, in different of color coatings and elegance of timber appearance with the durability and maintenance- free advantages of modern aluminium technology to suit the design of your building. **Weather Resistance** Aluminium, more than any other material, keep its structural properties. It with stands extreme temperatures, resist weather corrosion due to rain and Sun-excellent for our harsh tropical climate. **Maximum Wind and Water Tightness** Metalglaz windows and doors series are designed to withstand very high wind pressures as well as water-tightness and tested to exceed the European standard. **Heat Insulation** Due to the efficient use of materials, Metalglaz provide excellent insulation from heat and especially with double-glazing systems, keeps the interior cool and comfortable. **High Acoustic Insulation** The high acoustic insulation of a window or door strictly related to the degree in which it is permeable to air and to the thickness of the glass installed. It results in a quiet and restful atmosphere. **Maintenance Free** Made of high-quality aluminium, a simple regular wipe is all that is needed to keep it in tip top condition for years. No tedious or expensive scraping, scrubbing or repainting. **Practically Lasts Forever** Metalglaz can practically last forever, a wise investment indeed. It costs virtually nothing in maintenance yet offer great time and energy saving. **Better Security** For top notch safety features, the anti burglar locking device enables locking of all perimeters of the window system. Multipoint locking system with the option of having a key-operated system. And hinges with security pins ensure the windows and doors cannot be lifted.

# Casement



As the most popular type of opening system, casement windows are side hinged, open inward or outward, and render more ventilation area and view than any other types.



# Tilt-and-Turn



The window can be opened in two ways: either in upward tilt position or in casement position. With the handle turned sideward or upward, the operations of the window is varied from Closed - Open - Bottom - Hung to Closed - Side - Hung - Open. Water tight design.



# Hinged



Hinged doors are side hinged, open inward or outward. Air-tight and water-tight design. It is a traditional and simple type of opening system, the safest and most common.



# Bi-fold



Bi-fold doors are in standard two or more panels configuration. These panels are hinged together, easily folded away and open to an unobstructed view. Smooth and silent folding operation.



# Sliding



Sliding doors are configured in standard two, three, or four panel forms, with transoms and sidelites at your option. Smooth and silent sliding operation. Maximal air flow and view are enjoyed with 1/2 of the space being open to the outside.



# Lift Slider Door



Aluminium lift slide door all can be made to pocket into the wall. When all the door panels are pocketed into the wall, the best outdoor living experience can be delivered to you.



Pocket door all closed position

Pocket door all open position



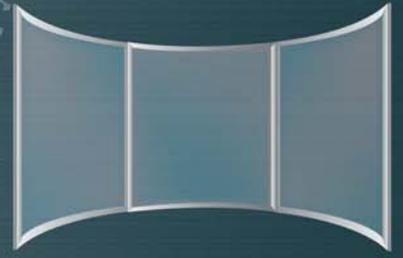
# Lift Slider Door



The new lift slider door construction element gives current and future homeowners the opportunity to create interesting portals to terraces, patios, balconies or gardens. Lift/ slide doors open not only new perspective, but also increase living comfort, even in renovation.



# Lift Slider Door



Our products are used in various custom home applications. The possibility is limited only by your imagination. Our curve custom design lift slides, all have a modern and streamlined, allowing maximum opening for your patio and ocean view.



# Aluminum with Thermal Break

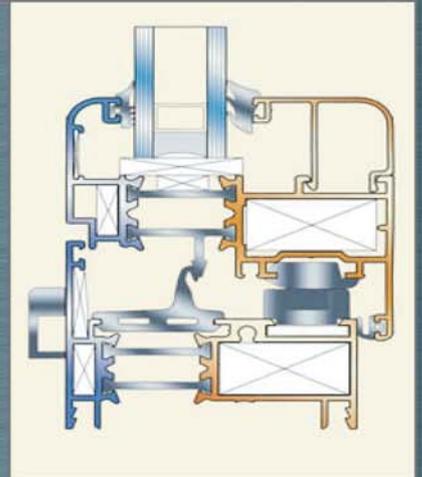
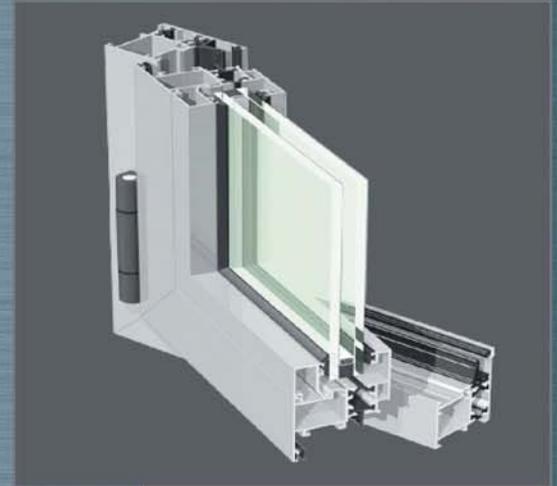


This range of Thermal Break windows and doors can be configured to make: Fixed Frames, Outward opening Casement Windows, Tilt & Turn Windows, Bottom Hung Windows, Hinged Doors and Sliding Doors. Is ideal for situations that required high thermal and acoustic insulation.

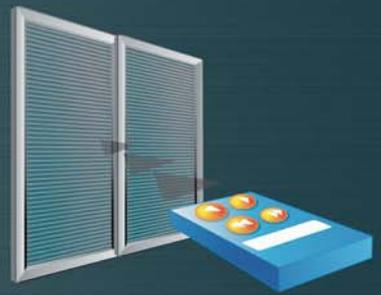
Aluminum window frames are light, strong, durable, and easily extruded into the complex shapes required for window parts. Aluminum frames are available in anodized and factory-baked enamel finishes that are extremely durable and low-maintenance.

The biggest disadvantage of aluminum as a window frame material is its high thermal conductance. It readily conducts heat, greatly raising the overall U-factor of a window unit. In cold climates, a simple aluminum frame can easily become cold enough to condense moisture or frost on the inside surfaces of window frames. Even more than the problem of heat loss, the condensation problem has spurred development of better insulating aluminum frames.

The most common solution to the heat conduction problem of aluminum frames is to provide a "thermal break" by splitting the frame components into interior and exterior pieces and use a less conductive material to join them. Current technology with standard thermal breaks has decreased aluminum frame U-factors (heat loss rate) from roughly 2.0 to about 1.0 Btu/hr-sq. ft-°F. In hot climates, where solar gain is often more important than conductive heat transfer, improving the insulating value of the frame can be much less important than using a higher -performance glazing system.



# Windows and Doors with Automatic Blind in the Insulating Glass



The sealed insulating glass unit with built-in Venetian blind or pleated curtain is an advanced development of the conventional double glazing.

It offers all the combined advantages of a sealed unit and a blind.

The basic property and hermetical sealing of the unit is retained and the air and water tight shaft assembly for the lifting of the blind protects the built-in blind from dust, moist and damage. It offers all the combined advantages of a sealed unit and a blind.

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Automatic Blind



Manual Blind



Windows and Doors with

# Automatic Blind in the Insulating Glass



## ADVANTAGE

- Decoration** - The newest and satisfactory effect without a curtain box
- Variety** - Diverse materials and more than 40 colors of blinds
- Durability** - Semi-permanent life with no abrasive parts in the automatic blinds
- Cleanness** - Long Lasting neatness with no need of separate cleaning
- Convenience** - Remote control available for many users
- Soundproofing** - Excellent insulation and soundproofing with a fourfold wider air layer (27mm) than existing pair glasses (6mm)



Fully light-penetrating state



Semi light-penetrating state



Fully black-out state



Bottom of blind

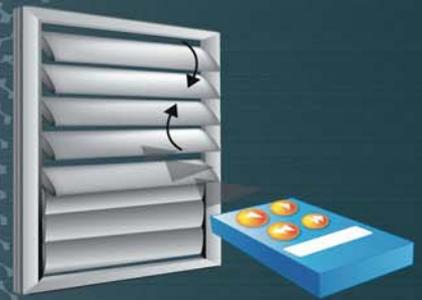


Top of blind



12V safe touching switch

# Automatic Sunbreaker



## Today One Can Rationalise Even Light

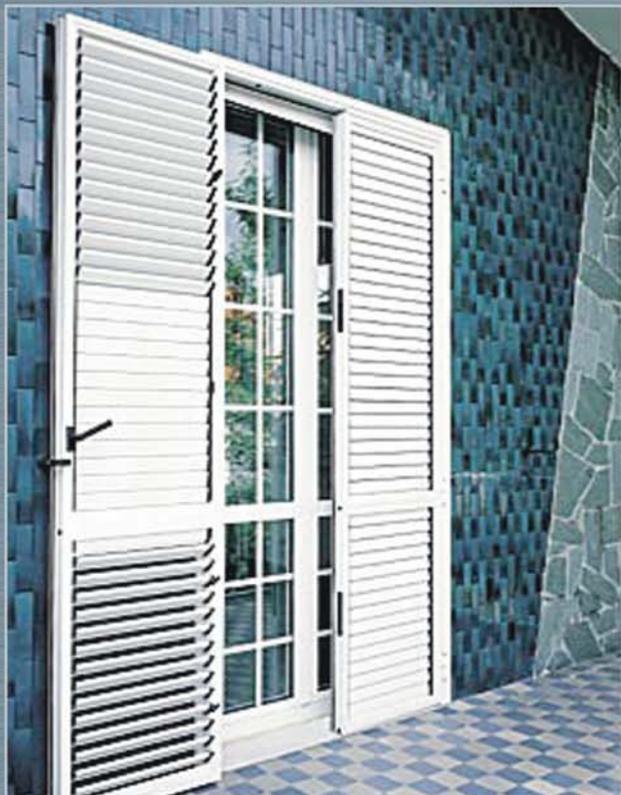
The adjustable Sunbreaker has been designed to guarantee ideal conditions in every surrounding. It allows infiltration of light according to your wish and helps in achieving a pleasant inside temperature at any time of the day. The sunbreaker absorbs up to 80% of the solar heat and helps to reduce climatisation cost by up to 30%. Its simple and elegant structure is easily adaptable to all kinds of constructions such as private dwellings, offices, factories, hotels, restaurants, hospitals, schools and sports centres: wherever the necessity arises to create better living and working conditions by controlled light infiltration.



# Shutters Window & Door



Shutters Window are realized with a very essential design but aesthetically pleasant, the possibility to have at your disposal a wide range of colors, makes our shutters perfectly suitable for every framework. The solutions, you can chose are various, fixed, openable, shaped or adjustable.



# Metalglaz 'FINZONE' Balcony Glazing System

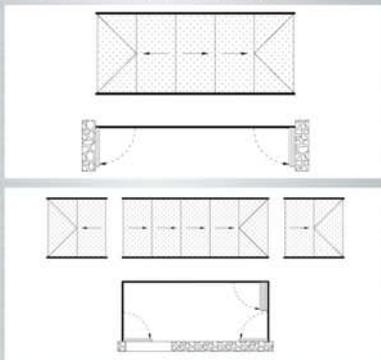


With 'FINZONE' Balcony Glass Curtain, your balcony is transformed. The patented horizontal gearing and profile structure means that there are no frames between glass panels and each glass panel can freely slide to the left or right (and also via balcony corners of various angles) to open for ventilation and/or cleaning purposes. Total or partial balcony enclosure or opening is achieved.

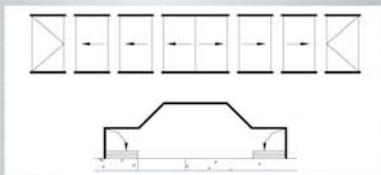
The characteristics of 'FINZONE' system make the balcony an indoor place outdoors and vice versa. When the glass panels are all closed, it beautifies the building facade with a "transparent" view and prevents bad weather from entering. When the panels are all opened, users can enjoy fresh air circulation and sunshine just like what a balcony is supposed to be for.



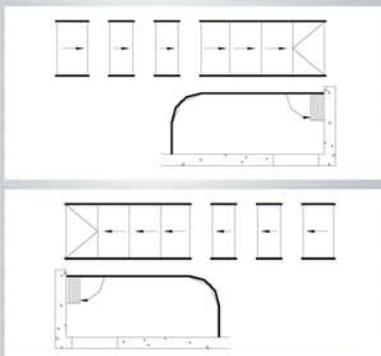
'FINZONE' Balcony Glass Curtain can be applied to balconies or terraces of different shapes.



With 'FINZONE' Balcony Glass Curtain, your balcony can be totally or partially enclosed or open. It blocks bad weather, noise, dirt, etc. It makes glass cleaning exceptionally safe and easy - there is no need to reach out of a balustrade any more.



Because there are no vertical strips, 'FINZONE' Balcony Glass Curtain gives you a "frameless" view and allows maximum sunshine to come to your home and lets you enjoy the view without obstruction. It brings nature close to you. It extends the usage of your balcony and protects your home.

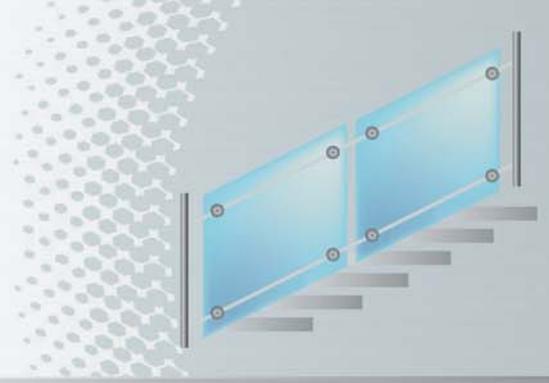


'FINZONE' Balcony Glazing system is designed to withstand the force of strong wind. The profile rigidity and material strength make possible almost all balconies can be glazed without the extra support of a rail system. It utilizes PVC, silicon or metal sealing accessories to enhance the air-tightness and waterproof quality.

'FINZONE' Balcony Glazing system has a wide range of application: Balcony glazing, patio/terrace/ deck enclosure, shop-front and window wall, veranda, winter garden, sliding glass roofs, interior sliding glass doors, serving counters, etc.

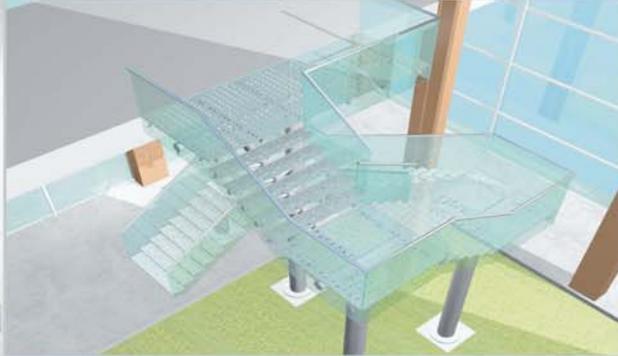


# Glass Railings System



Metalglaz offers you a contemporary range of stainless steel modular railing systems in a broad portfolio of designs, select from a range below or let us customize\* one to suite your needs. All of these systems feature an ingeniously designed Versa spider that is able to make turns that might be involved in a curved layout or sharp corners.

Stainless Steel railing systems are used for varied applications such as balcony railings, stair railings, atrium guardrails, divider walls for sunk (step down) floor elevations, handrails, etc.



# Roll Up & Plisse Insect Screen



## USE

The METALGLAZ roller screen, flexible in its application, sensationally innovative as regards its technology. Why not discuss the possibilities with an adviser - You will be amazed. By the way, the METALGLAZ roller screen is also available as a convenient automatic version.

## APPEARANCE

In contrast to the hinged screen systems, which are inconspicuously integrated into a door or window, the roller screen has its own unique style due to its innovative design. The standardised METALGLAZ design line always combines sophisticated design with excellent technical functionality.

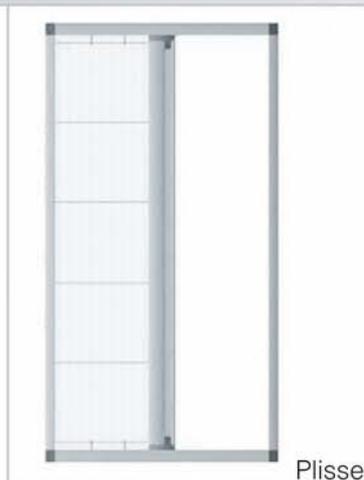
## TECHNOLOGY

A technical adviser will be glad to explain to you the - in our opinion - brilliant technical details of how the METALGLAZ roller screen works. Innovative technology: The lateral positioning of the brushes prevents the material slipping out due to wind pressure. Simultaneously, adjustable spring tension enables the guiding track to self-lock at any position you wish. After complete installation, the spring tension can be re-adjusted or the material replaced via the service cover.

The guiding edge and angle adjustment of the winding shaft ensure that the screen is always taut and parallel. The automatic roller screen is fitted with a specially developed, radio-controlled high-speed motor.

## TIP

Insect screens by METALGLAZ are made to measure - There is good reason for this. This is the only way to ensure that our customers receive perfect protection against insects.



# Projectgallery

• BANKS • HOTELS • SHOP LOTS • BUNGALOW • HIGH RISE OFFICES • INDUSTRIAL FACTORIES





**METAL GLAZ**

# ***INNOVATION*** ***BUILDING TECHNOLOGY***



We work closely with our principles in Italy, Germany and China. The collaboration allows us to tap into the best creative designs and production technologies to meet both domestic and international market needs.

METALGLAZ TECHNOLOGY (M) SDN. BHD. (714055-K)

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