

# Illuminating Lives!

Range of uPVC Doors and Windows along with other Architectural Products





# Introduction

## Redefining the Modern Architecture

UniWindows as the name suggests is one of the pioneers and leading uPVC windows and doors manufacturer. As a leading establishment, UniWindows has achieved a remarkable position in the market with the entire focus on the quality of its products and services. Our products are perfectly adapted to the harshest environments and market requirements. Ensuring that every need of our contemporary customer is fulfilled, we have blended elegant designs with the best in German technology to create customized designs, keeping in mind the diversity in regional and climatic factors. We have equipped our manufacturing facilities with stringent eco-friendly practices that are lead-free and completely recyclable.

With the advancing technology and needs of the customer, UniWindows offers a wide range of Aluminium System Windows, Structural Glazing, ACP Cladding, HPL Cladding, Shower Cubical, Highend Facades, and Louvers. With a team of highly trained experts and personnel, we have always worked our way to the top by foreseeing the market demands, delighting customers with exclusivity, and optimizing perfection in technology.

Be it a skyscraper, villa, low-rise office, or residential complex, UniWindows provides a suitable and reliable range that fits into the requirements of modern-day designers, builders, promoters, and individual house owners with a personal touch.



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OUR

# PRODUCTS & SERVICES

## uPVC Doors & Windows

As uPVC is a highly durable material, it allows for the construction of doors and windows that are long-lasting. It is dust-proof, termite-proof, moisture, and weather-resistant. uPVC can also protect you and your loved ones from harmful UV rays of the sun. As a result, they stand the test of time and usage without losing their charm.

uPVC doesn't rot, flake, peel or corrode even after years of usage. All it requires is a gentle wipe with a clean cloth dipped in a solution of household cleaner and water to clean and maintain the freshness of uPVC door windows. The fact that it practically requires no maintenance makes uPVC doors and windows a convenient addition to your space.

Currently, all UPVC windows and doors must be energy rated to conform with the Building Regulations, and are available in choice of attractive colours and woodgrain timber effect finishes.

If you're looking for energy efficiency, UPVC is the perfect choice, as energy rated UPVC windows are extremely thermally efficient.





THREE LAYER OR TWO  
LAYER GLASS UNIT

GLASSLIST DESIGNED  
ON INSIDE FOR BURGLAR  
SAFETY

LOW-E WARM SPACER  
REDUCES THE HEAT  
LOSS AND CO<sub>2</sub> EMISSION

HIGH NUMBER OF  
CHAMBER FOR BETTER  
THERMAL INSULATION

RUBBER GASKETS FOR  
TIGHTNESS PROPERTIES

STEEL ELEMENTS INSIDE  
FRAME AND SASH FOR  
HIGH STABILITY

**uPVC Profile**

## uPVC Windows

### Casement Windows

uPVC casement windows are attached to their frame by one or more hinges at the side. They are the most traditional style of windows available in the market. There are different stylistic variations of casement windows such as French windows, Twin sash windows, Side Hung windows, Top hung windows, etc.



### Sliding Windows

uPVC Sliding windows consists of frames that can slide back and forth. These windows work best in rooms with limited space.



### Tilt & Turn Window

uPVC tilt-and-turn windows blend smart aesthetics with intelligent operability perfectly. If you opt for these windows, you have the flexibility of using them as a source of ventilation by opening them inwards at an angle or using them as a standard window by swinging the complete sash inwards.

## uPVC Doors



### Casement Doors

uPVC Casement doors are hinged from the side and have a single sash. They can be designed to open inwards or outwards. These doors are the perfect addition to your patio, balcony, or deck.

### Sliding Doors

uPVC Sliding doors are the most popular doors in the market. As one glass pane slides over the other along a track, Sliding doors don't take up much space. If you want to have an unobstructed outside view, then these doors are your best choice as they are made up of large glass panes.



### Slide & Fold Door

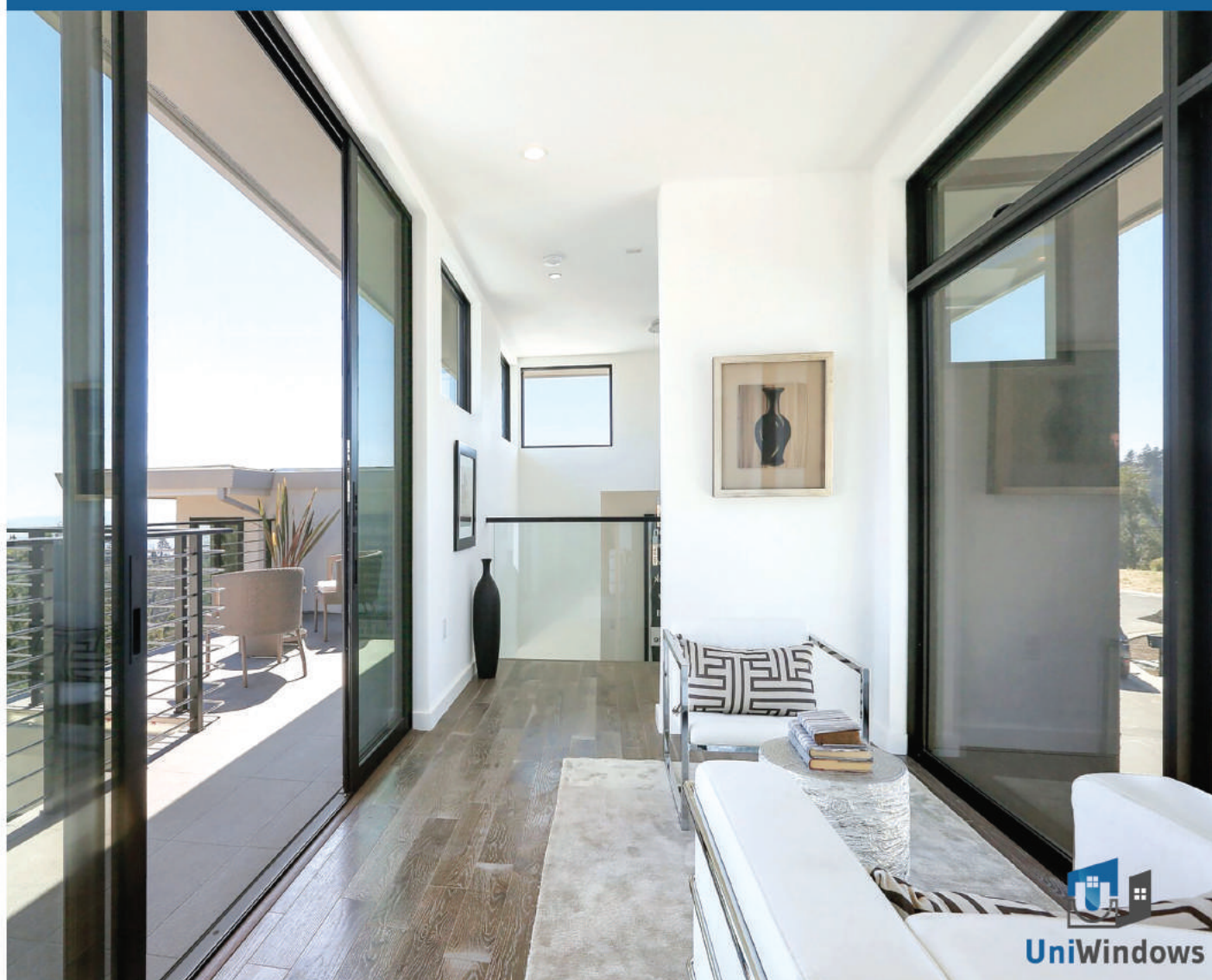
uPVC Slide-and-Fold doors are your best pick if you want to install them in a large open area. These doors have a simple structure and are extremely easy to operate. The best part of Slide-and-Fold doors is that they can be folded to one side to save space and to offer an unobstructed view of the



# Aluminium System Windows & Doors

Aluminium Windows have become an integral part of modern architecture complementing the modern architecture style very well. The fascinating attributes include the excellent fitness, even under extreme loads, and assure perfect functionality at all times. These windows require only low maintenance over their long service lives. Elements are non-flammable, colourful and 100% recyclable. These windows are extremely capable of bearing high load capacity. The elements can be produced in extraordinary sizes and with various glass options. Their weather resistance lends them long term, durability and they are maintenance free to the greatest possible extent. They fulfill virtually all architectural challenges affecting, shape, color and design. Windows are available in single sash variants, multi-sash designs and a number of combinations with frames. Windows are available as side hung, top hung, and French style elements. The corner connectors are mitred for the perfect look and functionality. Solid metal corner are fixed to aluminium profiles to form an indispensable bond for strong and stable closed frames. Multi point locking to get higher security.

Aluminium has been used in construction and has become a preferred choice for developers as well as home buyers. Keeping all these factors in mind, it won't be wrong to say that aluminium is a stylish, elegant, and superior looking material that offers a number of advantages. Along with the variety of styles and designs, all uniwindows aluminium windows and doors can be custom-made to any specification and configuration.



# The range of aluminium system offered by Uniwindows :-



A thermal break window and door system, suitable for all building types, satisfying different styles of modern aesthetics.



A overlapping window and door system, both inside and outside opening.

## Aluminum Windows

### Casement Windows

These casement windows keep the rain out. Great for ventilating rooms, but as they can open wide, large casement windows with a metal grill is recommended for homes with small children or animals.



### Sliding Windows

Sliding windows can be very large in size enabling uninterrupted views and suitable ventilation. Customization is possible: glazing & glass options, robust hardware, mesh, choice of colours and sizes.



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## Tilt & Turn Window

Tilt and turn windows open inwards, and look best on modern designs. These types of windows fundamentally open on two axis: tilting when ventilation is needed and turning to work like a regular casement window.



## Aluminium Doors



## Casement Doors

Aluminium casement doors are ideal additions to commercial or larger residential projects due to their durability, high levels of performance and low maintenance.

## Sliding Doors

Aluminium sliding door design offers flexibility, where one panel can move while the other stays static. You could also have both panels of the door slide independent of each other. These sliding doors offer wide, uninterrupted views and save space as they won't encroach on your balcony or interiors of a home.



## Slide & Fold Door

uPVC Slide-and-Fold doors are your best pick if you want to install them in a large open area. These doors have a simple structure and are extremely easy to operate. The best part of Slide-and-Fold doors is that they can be folded to one side to save space and to offer an unobstructed view of the



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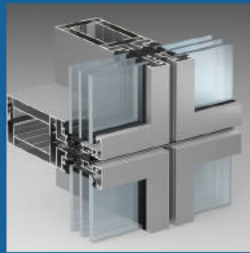


# Structural Glazing

Structural Glazing is a term used to describe glass that is integral to the design of a building. It involves large glass panels, which usually bear some weight in the structure. Structural glazing can be used to create huge glass installations with minimal obstruction. There are myriad ways structural glazing can be implemented in a design. It can bear weight both horizontally and vertically, and it can be bonded using everything from minimal glass beams and supports to heavy-duty steel struts.

## Unitized Glazing

Unitized structural glazing is a special type where modules typically one mullion bay wide by one floor high are assembled and glazed offsite, and then hung on the exterior of the building. This system comes pre-assembled; it is pre-glazed at the factory and installed at site. In the process, it minimizes field labor and erection costs, and promises a shorter installation period than the stick system.



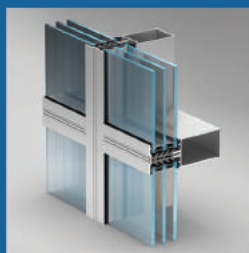
## Semi Unitized Glazing

Semi-Unitized structural glazing involves the framing components are erected individually as an erector set. In this set, the vertical mullions are attached first to the floor slabs and the horizontals are attached to the vertical mullions to resemble a grid. The glass panel and the spandrel are shop glazed and installed into the assembled grid work. The semi unitized systems largely anchored to the face of the slab as embedded plates or inserts.



## Curtain wall System

Curtain wall systems are non-structural cladding systems for the external walls of buildings. They are generally associated with large, multi-storey buildings. Curtain walls separate the interior from the exterior. It comprises of a lightweight aluminium frame onto which glazed or opaque infill panels can be fixed. These infill panels are often described as 'glazing' whether or not they are made of glass.



## Spider Glazing

Spider glazing system encompasses the fasteners, the glass panes employed, spider brackets apart from the fixtures. The glasses used for spider glazing are high-quality toughened glasses that can withstand any weather conditions in the exterior of the building. The stainless steel fixtures resemble a spider with legs and hence the name. These high-quality and high-grade stainless steel fixtures absorb almost all loads like weight of the glass installed, wind loading, impact of rain,



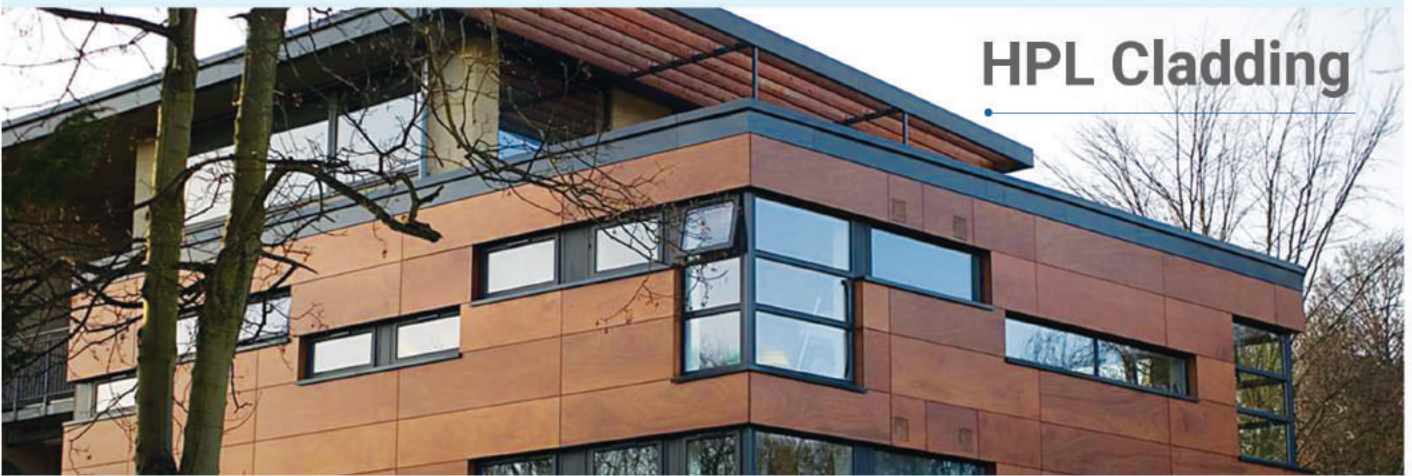
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## ACP Cladding



The aluminium composite panel is a composite material in which thermoplastic polythene core and the fire-retardant core material are sandwiched between two thin aluminium sheets. Polythene is not a fire-resistant material actually, it ignites and spread the fire.

## HPL Cladding



High Pressure Laminate (HPL) panels are a form of cladding typically manufactured by layering sheets of wood or paper fibre with a resin and bonding them under heat and pressure.

## Highend Facades



Façade systems are used in buildings for multiple purposes. They are used by architects for heat control, sun control or ventilation of buildings. These are available in aluminium, zinc, stainless steel, copper, brass or titanium. There is no particular size as these are designed according to functional and aesthetic requirements of building.



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# Louvers

Louver is a window blind or shutter with horizontal slats that are angled to admit light and air, but to keep out rain and direct sunshine. These have unique design and beautiful appearance, together with practical application and adds an unusual and appealing feature to the exterior and interior elevation.



## Our Clients

We believe in creating long-term relationships with our clients and hence cater to their diverse needs & requirements. We have garnered the patronage of high profile clients. Our clients are from various sectors like hotels, IT companies, banks and others. We offer cost-effective solutions that are tailored to meet the requirements of our customers.





**UniWindows**

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