



Introducing Eco-friendly Doors and Windows in Aluminum & Thermal Break Aluminium System, Skylights, Pergolas, Retractable Roofs & Facade Systems with European Technology, Aluwood and Wooden doors and windows also available in CBU from Europe.

---

Advantages of Windorz Systems : Sound Insulation-Customized European Hardware-Termite Free-Multi-Point Locking for Enhanced Security-Thermal Insulation Available in Various Colours and finishes.

### **WINDORZ INDIA PVT LTD**

104 DLF Industrial Area, Phase 1, Faridabad, Haryana, 121003

---

For further details please send us an email on [hello@windorz.com](mailto:hello@windorz.com) or you can call on +91 9810009234, +91 9910577705 & +91 9810268859

## BRIEF HISTORY

Windorz has completed more than 150 projects all over India and abroad including in the USA. Our projects include many villas and farmhouses in NCR (West End Greens, Pushpanjali Farms, Chattarpur Farms, Sultanpur, Aurangzeb Lane, Amrita Shergill Marg, Golf Links, Vasant Vihar, Ansals Satbari, Friends Colony, GK, Maharani Bagh etc), Goa, Ahmedabad, and Bhubaneshwar, Residence of the Belgium Ambassador, Greece Embassy, Canadian High Commission, Australian High Commission. Over a dozen five-star hotels such as Oberoi Wildflower Hall (Shimla), The Grand (Vasant Kunj), The Jaypee Palace (Agra), Park Hyatt (Goa) etc. Malls such as Select Citywalk (Saket), Stadiums, airports, and various commercial and high-rise projects.

## PROJECTS PROFILE:



**THE BRITISH SCHOOL, DELHI**



**SELECT CITYWALK, DELHI**

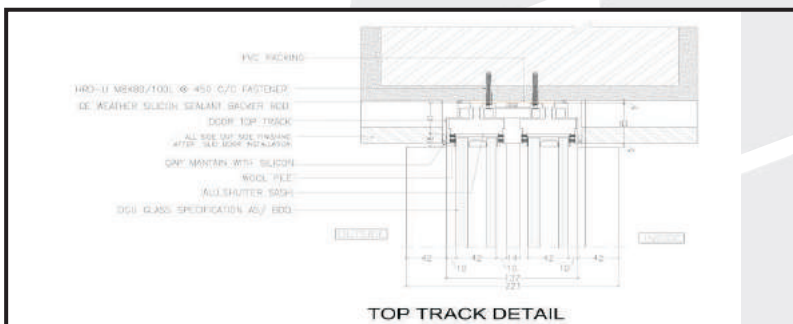
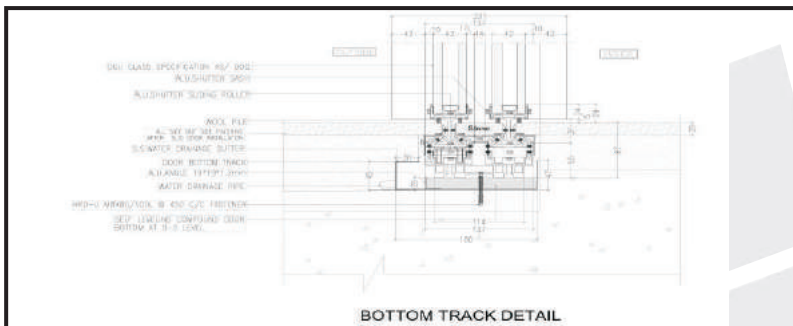
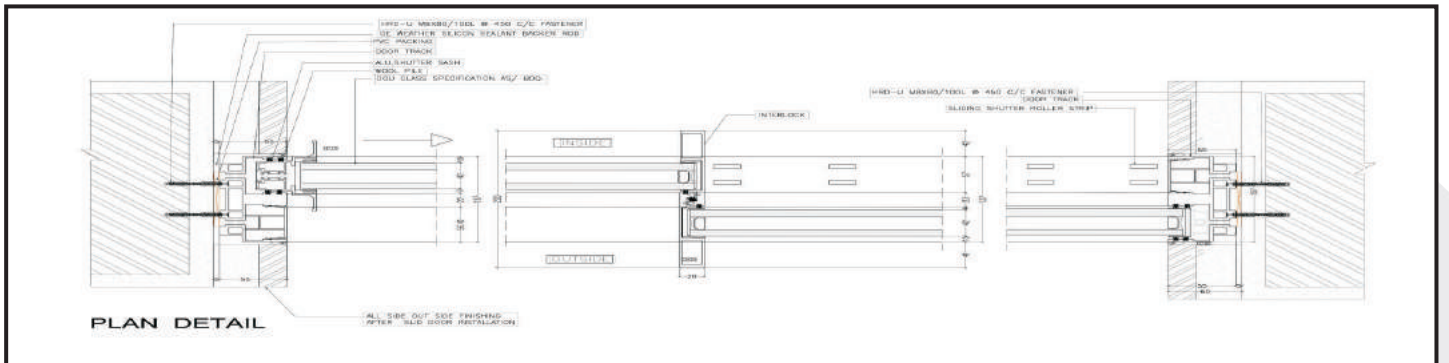


**JAYPEE HOTEL, AGRA**



**WILDFLOWER HOTEL, SHIMLA**

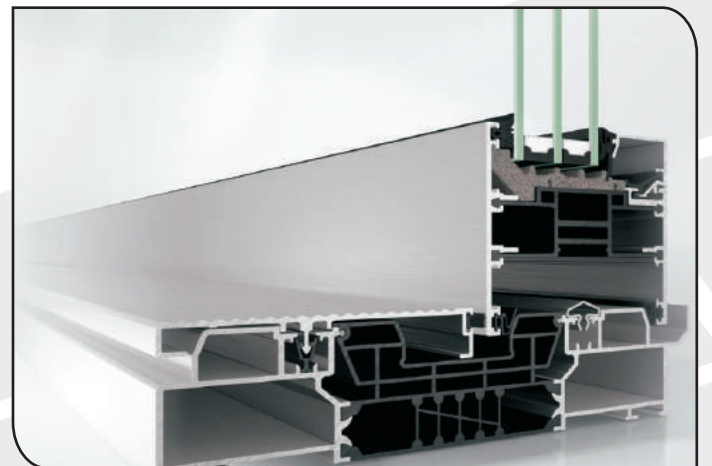




## PANORAMIC SLIMLINE DOORS

Our Slimline system meets global design, thermal and acoustics requirements with the help of exceptional binding polyamides and high energy performance glass. Our systems have a slim 20mm interlock profile and can accommodate a maximum vent size of 6m in height and 3m in width with glass units up to 42mm in thickness. The system offers both, manual and motorized remote-controlled options. First, in its kind, the system allows you multiple floor options from concealed to flush floors.





## LIFT AND SLIDE DOORS

We provide a highly flexible sliding and lift-and-slide system with narrow face widths for large-area glazing units. Sliding and lift-and-slide system offer optimal solutions with high transparency. Our systems boast large-scale units of up to 3.5m x 3.2m or 3.2m x 3.5m creating a pleasant atmosphere with living spaces that are flooded with light. We have systems for various openings with single, double, and triple-track systems providing greater design freedom. Available in non-thermal, thermal, and highly insulated systems.





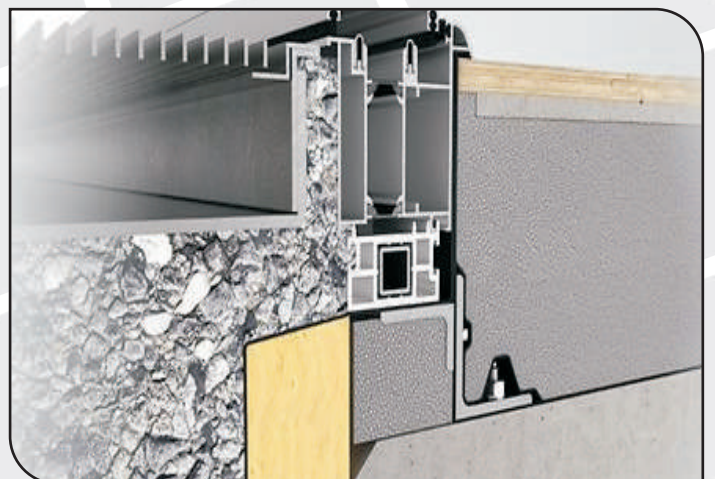
## REGULAR SLIDERS

Our sliding system has been designed to respond to new aesthetical demands. The system is designed in line with the latest global trends with straight untied lines with a minimal aluminium frame. The double or triple-track, highly stable sliding constructions enable large vents with a high proportion of glass even for exacting wind load requirements.

## SLIDING BI FOLDING DOORS

Sliding Folding doors, as the name suggests, are doors with multiple panels that slide and stack on one side or both sides of the door. The door panels slide on the bottom channel, which is inserted in the floor to give a seamless finish.

These doors are ideally suited for seamless transition between indoor and outdoor areas, as well as transition between two indoor areas whenever required. Our Bi-fold door shutters can be 3m in height and 1.2 m in width thereby giving options for large panels and reducing the number of shutters. Various opening/sliding combinations are available giving flexibility in design and usage.





## CASEMENT DOORS

With narrow face widths and an extremely small basic depth of 50 mm, our non-insulated aluminium door system is designed especially for use in interiors. Thanks to its stable construction floor-to-ceiling units can be reliably implemented, guaranteeing a variety of possible uses from door constructions and partition walls to draught lobbies and reception areas.

Our insulated aluminium door system has a basic depth of 65 mm and is particularly suited to warmer climate zones. The system can be used as a cost-effective solution in a variety of ways, including integration in building automation systems. Due to its compatibility with numerous façade systems, developers and architects have ample design options to integrate the door system in the building envelope, e.g., as a manual or automated door solution for main and side entrance areas of public buildings with normal levels of use.

Georgian Doors are traditional doors that date back to the 18th & 19th Centuries. These doors were traditionally made in wood and were broken into six or more panels due to manufacturing limitation in the size of the glass.

This traditional look is still extremely popular with Architects and now you can have the same look in our Aluminium doors with the use of Georgian Bars, which are attached to the glass panel thereby giving the same feel and look.





## CASEMENT WINDOWS

We offer insulated and non-insulated system with an inward and outward opening system designed according to European standards offering superior quality. The performance is enhanced due to multiple levels of Gaskets barriers. Designed to the highest standards the system combines flexibility with design and security to ensure your comfort and peace of mind. Our profiles are designed to provide our customers with Single Leaf, Double Leaf and Top Hung Windows.





## TILT AND TURN WINDOWS

This window system makes an excellent choice for a wide variety of functional, architectural and design requirements offering an all-in-one solution: a high level of thermal insulation, narrow face widths and attractive vent contours as well as concealed, classic manual or integrated electromechanical fittings for inward and outward-opening windows.

### Benefits of Tilt & Turn Windows

- ◆ Dual operation: your windows can be tilted and opened in a variety of ways
- ◆ Extremely good insulation value
- ◆ Added security with a 3-sided locking system for large vents and multi-point locking
- ◆ Slim sightlines for maximum daylight area
- ◆ Quality hardware
- ◆ Stainless steel friction hinges, including egress with heavy-duty hinge alternative for heavier glass weights.





## FRAMELESS GLAZING SOLUTION

Thanks to our system, you can easily enlarge the useful area of your balcony, winter garden, sunroom or terrace and create a new comfortable room to use it throughout the year. Our system provides a completely clear view through the glass, the absence of vertical frames creates an effect of panoramic scene.



## WHY ALUMINIUM DOORS & WINDOWS ?

Aluminium is the strongest and most durable material, easy to clean and maintain and because of the numerous benefits and their value for money, aluminum doors/windows have become one of the most popular choices by homeowners and architects of all kinds of buildings. They offer a number of advantage.

### Environmentally Friendly

Aluminium is also a fully sustainable product. It's 100% recyclable and non-toxic, leaving a minimal ecological footprint. Recycling aluminium itself requires just five per cent of the initial energy consumed to create it.

Other Benefits of aluminium door & window systems :

- ◆ Easy maintenance and operation
- ◆ Available in anodized finish, in a range of powder coated colours, or in wood-look coatings.
- ◆ Can be fitted with a wide range of glass options – with different characteristics, thicknesses and colours
- ◆ Available in custom sizes, up to extremely large sizes (upto 6000mm in height)
- ◆ Various innovative styles including lift & slide, folding, sliding and rotating doors
- ◆ High performance, long service life
- ◆ Resistant against corrosion, distortion and other harmful effects of the environment
- ◆ Well insulated against sound and inclement weather
- ◆ They can have various security features: burglar resistant, fire resistant and bullet resistant

## ADVANTAGES OF ALUMINIUM WINDOWS OVER TIMBER WINDOWS

Aluminium as well as being structurally stronger is low maintenance and can be powder-coated to many colours and wooden finishes too.

Aluminium can also be made into many shapes and therefore can be made into very large window & door combinations due to its strength.

The main disadvantage of timber is the need for maintenance, especially when it is stained or exposed to weathering or the sun. It can be bruised and damaged by a number of attacks and then the damage is difficult to repair. Timber in long lengths is also subject to movement like warping and twisting in the material, so large panels are not recommended.

Aluminium windows and doors are capable of withstanding extremes of weather, as well as maintaining clean lines and soft curves. The flexibility of design in aluminium allows for windows & doors to be used in any type of building, from basic sliding products in affordable housing through to monumental buildings.



## ADVANTAGES OF ALUMINIUM WINDOWS OVER UPVC WINDOWS

### DESIGN FLEXIBILITY

UPVC windows/doors are very bulky whereas aluminium windows can be made in very slim sections thereby allowing more light and also giving the architect more freedom in design.

### DURABILITY

UPVC has a life span of around 15-20 years, although there is a tendency for it to begin to look somewhat tired and worn out after only four or five years of use. Meanwhile aluminium glazing has a much longer life span and should last 30-35 years. Aluminium is considerably more resistant to the outside elements and is less likely to warp or rot as a result; nor is it likely to dent easily due to its high strength-to-weight ratio.

### LARGE RANGE OF FINISHES

UPVC windows come in limited finishes mainly painted, whereas aluminium can have numerous finishes e.g. powder coated, wooden finish, or anodised with up to 20 years warranties.

### ENERGY EFFICIENT

The introduction of polyamide technology has taken the energy performance of aluminium glazing to entirely new levels too; a pertinent issue for homeowners and business owners alike seeking to minimise bills. Aluminium windows can easily achieve improvements in heat gain / loss through windows by as much as 60 per cent when combined with a thermal break, rivalling more expensive timber and UPVC equivalents.

## SOUND INSULATION

Are you looking to stop traffic noise from disturbing the peace and quiet in your home?

Is traffic noise causing you sleepless nights, stress, exhaustion, and irritation? According to the World Health Organisation, the health impacts of environmental noise are a growing concern.

In Western Europe, almost one million healthy life years are lost every year from traffic-related noise.

Traffic noise has been known to have adverse psychosocial and physiological effects including cardiovascular disease, cognitive impairment, sleep disturbance, tinnitus, high blood pressure, and antisocial behaviour.

### What can I do to stop traffic noise?

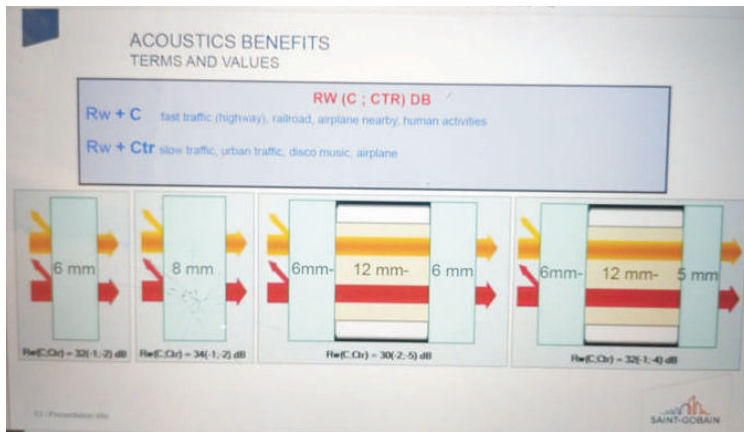
While there's not much that can be done to physically stop traffic noise from outside like car hooters, trucks and busses, traffic jams, sirens, and noisy exhausts, there are ways to reduce the effects that it can all have on your health. One way of reducing these aggravating noises from penetrating the inside of your home is by choosing the right window system and glass

### Choosing the Right Glass

A large part of the area of an external door and window is Glass, so choosing the right glass is very important to reduce the noise coming from outside.

Our doors and windows can help reduce noise upto 40 DB in case of our openable systems and upto 60 DB in our fixed window systems.





Courtesy: Saint Gobain

As can be seen from this chart of Saint Gobain, for Sound Insulation

- ◆ DGU's perform worse than a single glass of same thickness
- ◆ In case a DGU is being used, use asymmetric glass thickness on both ends (eg; 5mm and 6mm or 8mm and 6mm).
- ◆ The more the thickness of glass the better the sound insulation.

### Using Laminated Glass

- ◆ Using lamination is the best solution for sound insulation. Lamination enhances the sound insulation of the glass.
- ◆ Using Lamination in one or both the panes of the DGU can give the best solutions for sound insulation.

## OTHER PRODUCTS

GLASS FACADE



FIXED GLASS AND RAILINGS



CONSERVATORY



MOTORISED BLINDS



PLEATED MOSQUITO MESH



SHADING SYSTEMS AND LOUVRES



SKYLIGHT



INTERNAL PARTITIONS



PERGOLA



ACP CLADDING



VENTILATION SYSTEMS

