



GLASXPERTS





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# AIS GLASXPERTS

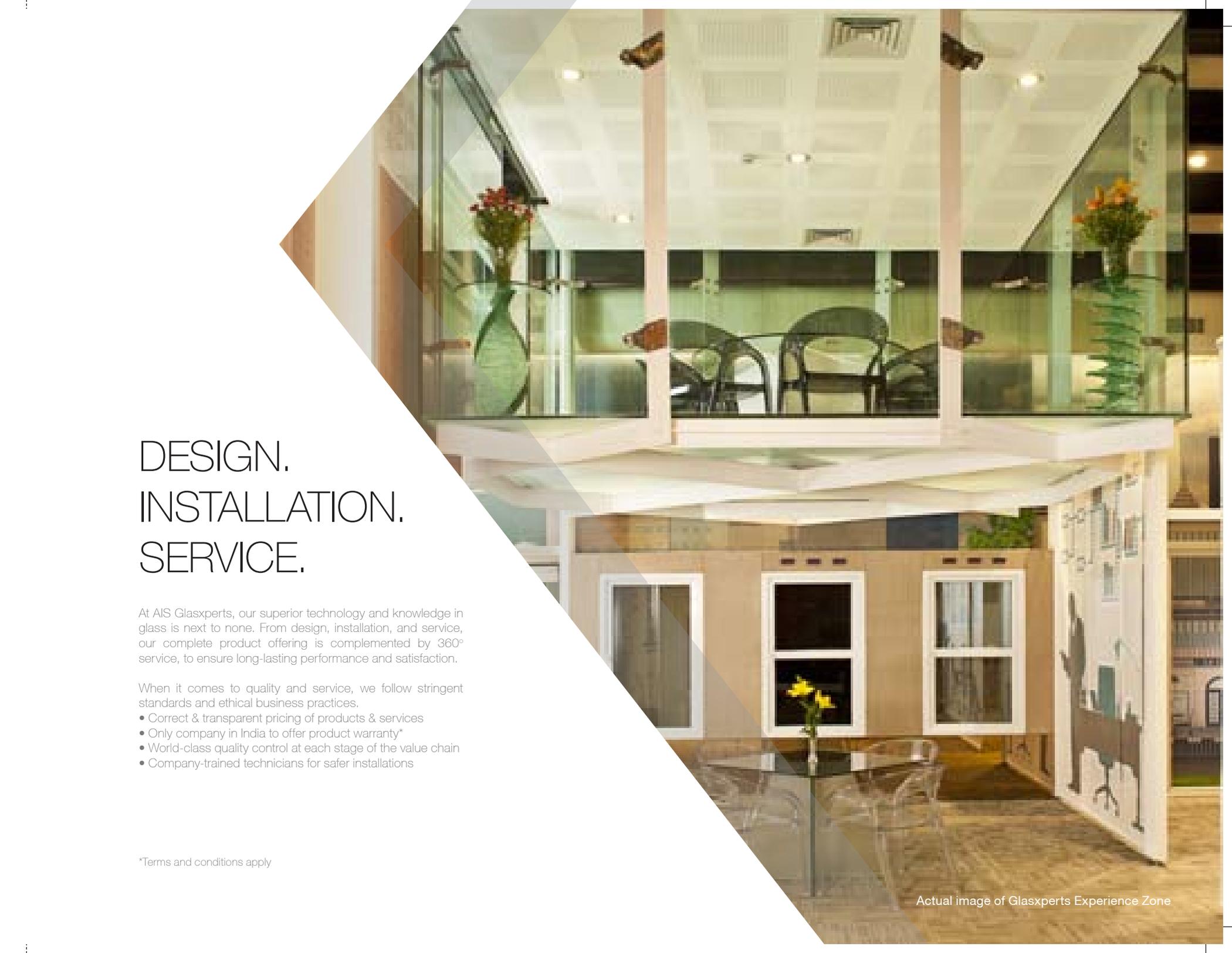
To bring out the best in glass, you need an expert solution. And we are experts in glass.

The space you occupy at home or at work is an extremely personal statement. It is an extension of your taste, an expression of your individuality, and a showcase of your aspirations.

AIS Glasxperts leads the way in providing you with innovative concepts and cutting-edge solutions in living glass.

A full service offering from AIS, Glasxperts brings together an integrated approach and specialised knowledge in glass. We meet your need for modern, eco-sensitive aesthetics with a full spectrum of world-class, high quality, branded glass products, fittings, and systems with assured safety and hassle-free services. We provide complete glass solutions, that include aesthetic, safety & security, energy efficiency, acoustic, privacy, and doors & windows.

Glasxperts is a part of AIS – India's leading integrated glass company with a wide range of international quality glass to suit various applications, across multiple industries. A certified ISO 9001 and ISO 14001 company, AIS continues to innovate and expand its portfolio of comprehensive glass solutions, each designed to change the way you see and use glass.



# DESIGN. INSTALLATION. SERVICE.

At AIS Glasxperts, our superior technology and knowledge in glass is next to none. From design, installation, and service, our complete product offering is complemented by 360° service, to ensure long-lasting performance and satisfaction.

When it comes to quality and service, we follow stringent standards and ethical business practices.

- Correct & transparent pricing of products & services
- Only company in India to offer product warranty\*
- World-class quality control at each stage of the value chain
- Company-trained technicians for safer installations

\*Terms and conditions apply

Actual image of Glasxperts Experience Zone

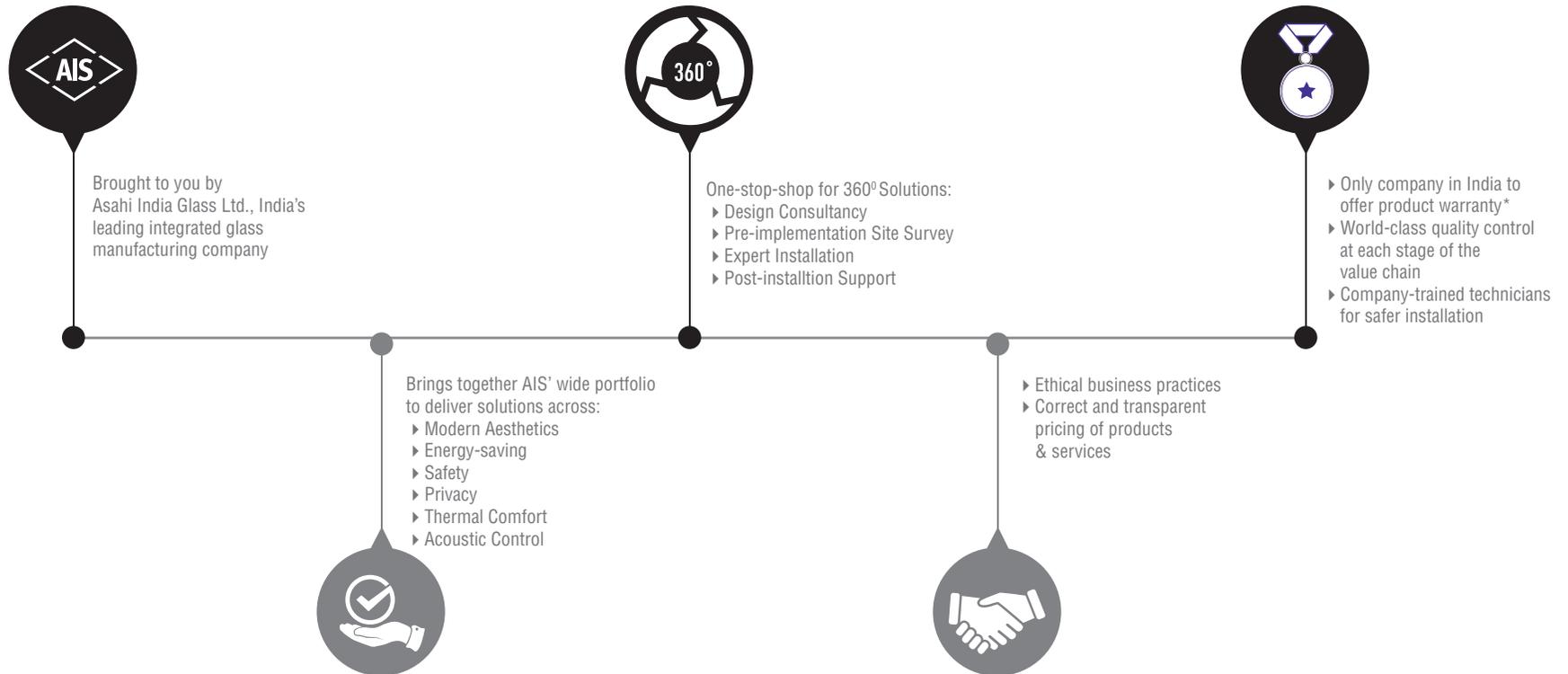
# CREATE YOUR IDEAL SPACE

No two homes are alike. Therefore, no two solutions can be the same. At AIS Glasxperts, our solutions are tailor-made to your specific requirement, and importantly, solutions that suit your space.

To ensure this, our experts first analyse your surroundings through various simulations like wind-load, heat, or acoustics analysis to understand your environment, and only then recommend the right solution. We do this because, glass can be engineered to deliver exceptional benefits, but at the same time, if used wrongly, it can cause adverse effects, leading to damage to the environment, and to those who are in the building.



# AIS GLASXPERTS: BEST IN GLASS EXPERIENCE



\*Terms and conditions apply

# AESTHETIC AND DECORATIVE SOLUTIONS

Myriad glass products offer multiple functional and aesthetic benefits. AIS Glasxperts extends its comprehensive knowledge to help you choose the ideal solutions in living glass. Add a touch of elegance to your contemporary interior and create your space exactly as you dreamt it, in glass.

## Lacquered Glass

### AIS Décor

- Coloured lacquered glass specially designed to make interiors look vibrant.
- Comes in exciting shades.
- Finds application in furniture, cabinets, shelves, kitchen cabinets, and designer panels.

## Ceramic Frit

- Enamel-painted tempered glass suitable for decorative purposes.
- Finds application in curtain walls, glazing systems, shower cubicles, glass doors, and partitions in architectural interiors and exteriors.

## Coloured Laminated Glass

- Comes in various exciting shades and beautiful patterns.
- Eliminates up to 99% of UV radiation, protecting interiors and furnishings from damage.
- Finds use in glass doors, partitions, walkways, and railings.

## Fabric Laminated Glass

- Combines the rich colour and texture of fabrics with the structural strength and practicality of glass.
- Finds application in powder rooms, office partitions, rear projection screens, windows, and doors.

## Crackled Glass

- Ornamental, transparent glass that enhances aesthetics.
- Finds application in partitions, back walls, and glass tiles.

## Patterned Glass

- A textured glass with different patterns impressed upon the surface transmits slightly less light than clear glass.
- Finds application in interior design, furniture, windows, street furniture, partitions, shower enclosures, and decorative glazing.

## Printed Glass

- A modern alternative to printing on canvas created with digital graphics.
- Appeal and style makes it perfect for the display of wedding photos, landscape images, or corporate signage.

## Stacked Glass

- Mitigates undesirable views and lends sculptural quality to the glass.
- Finds application in partition walls, glass columns, niches, and corners.

## Frosted Glass

### AIS Krystal™

- It renders glass translucent, thereby obscuring the view while allowing light to pass through.
- Available in a variety of patterns.
- Finds application in partitions, writing boards, doors for cabinets, bathroom windows, office and conference rooms, and various interior decorative applications.

## Etched Glass

- Glass with artistic carving on the surface that lends a smooth, satin-like effect with white, frosted finish.
- Finds application in partitions, shower curtains, panelling, furniture, and doors.

## Mirror

- New generation, environment-friendly, copper- and lead-free mirrors.
- Extremely durable and distortion-free.
- Finds extensive application in bedrooms, bathrooms, shops, showrooms, hotel lobbies, furniture, and hospitals.







# SAFETY AND SECURITY SOLUTIONS

Due to the development of new construction techniques, value additions, and processing being done on glass, this material can be engineered to be strong and durable. Therefore, it is being used for major structural applications like – façades, windows, partitions, walkways, shower cubicles, staircases, skylights, etc. Presenting various safety and security solutions from AIS Glasxperts:

## Laminated Glass

### **AIS Securityglas™**

- Provides level 2 and level 3 protection against burglar attacks and is used extensively in residential and commercial applications worldwide.
- PVB interlayer provides high levels of intrusion resistance.

### **AIS Securityplus™**

- Five times stronger than conventional laminating material.
  - DuPont Sentry Glass™ interlayer for enhanced strength
- Both these products find application in doors, windows, shop fronts, showcases, partitions, skylights, canopies, balustrades, staircases, and façades.

## Heat-Strengthened Laminated Glass

### **AIS Valuglas**

- A distortion-free, heat-strengthened laminated glass with greater stability.
- Highly-secure laminated unit combines pleasing aesthetics with enduring strength.
- Unbeatable quality at an unmatched value.
- Finds application in windows, showercubicles, shower-partitions, tabletops, building façades, shop-fronts, and office partitions.

## Tempered Glass

### **AIS Stronglas™**

- 4-5 times more impact-resistant than ordinary float annealed glass.
- Minimises the risk of spontaneous breakage.
- Even in the unlikely case of breakage, glass shatters into minute granules, instead of sharp shards, ensuring safety.
- Finds application in windows, shower cubicles, shower-partitions, tabletops, building façades, walkways, shop-fronts, and office partitions.

# ENERGY-EFFICIENT SOLUTIONS

In today's world, it has become a necessity for homes to be eco-friendly and save energy. This increased awareness has pushed our thinking beyond, by providing a variety of solutions that greatly reduce energy consumption and carbon footprint.

Our solution starts from site survey, where we study the orientation of your building, movement of sunlight, shading, weather patterns, etc. Then, we move on to giving you the right product that gives you the desired result.

We present a range of high-performance products made using both hard coat and soft coat reflective glass technologies. These products are available in a number of shades, each with a multitude of features:

## Soft Coat, High-Performance Glass

Manufactured using Magnetron Sputtering Vacuum Deposition (MSVD) technology. Provides excellent solar and thermal protection, and comes in a wide variety of shades.

## Ecosense Range

Ecosense is the perfect amalgamation of energy efficiency and optimum daylighting, that captures intelligence in every sense – architectural sense, aesthetic sense, economic sense, energy efficiency sense, and environment sense.

### Ecosense Enhance:

The Enhance range is a Solar Control glazing solution that allows you to build a world that's closer to nature. There are a number of cool shades for you to choose from.

### Ecosense Exceed:

The Exceed range is a Solar Control Low-E double-glazed solution that allows you to combine energy efficiency, aesthetics, and eco-sensitivity, and comes in various shades.

### Ecosense Essence:

The Ecosense Essence is developed with modern Low-E coatings to help buildings attain better energy ratings while delivering economic and environmental benefits. Available in cool shades.

### Ecosense Edge:

The Edge series from Ecosense is a solar control glass with thermal insulation which combines the best of functionalities with excellent eco-friendly features. Available in three natural shades.

### Ecosense Excel:

Ecosense Excel is designed to deliver advanced solar control performance and excellent thermal insulation properties (Low-E). Comes in two series Pearl and Sparkle and three different shades.

## Hard Coat, High-Performance Glass

Hard coat, heat-reflective glass manufactured using Chemical Vapour Deposition (CVD) technology provides great solar control protection. Durable and excellent value for money.

### AIS Opal:

A hard-coated solar control glass, with best-in-class performance features using which you can now make your space look uniquely beautiful from the outside, while you enjoy superior thermal comfort inside.

### AIS Opal Trendz:

First-of-its-kind patterned reflective glass which creates a delightful play of light, colour, and comfort. Available in vibrant shades and vivid patterns.

Applications: Skylights, windows, doors, curtainwalls, pergolas, canopies, and façades.







# ACOUSTIC SOLUTIONS

When it comes to acoustic solutions, we provide more than just high-performance, noise-cancelling products.

First, we study the sound levels surrounding your house through various testing methods. Then, we find the right decibel required for you to have a calm interior. Lastly, we recommend the ideal product (laminated or insulated glazing unit), frame (wood or uPVC) and other materials that would give you the desired result.

Presenting acoustic solutions from Glasxperts that help you keep out the noise while you lend ear to sound that really matters:

## Laminated Glass

### **AIS Acousticglas™**

- A high-performance glass that is made by sandwiching a special PVB interlayer which has a high sound-dampening capacity.
- Provides durability, high-performance, and multifunctional benefits in addition to preserving aesthetic appearance.
- Finds application in doors, windows, partitions for bedrooms and conference rooms, and façades.

## Insulated Glazing Unit

- Insulated Glass is also called double-glazing unit.
- Combines two or more glass panes spaced and sealed with a primary and secondary sealant to form a single unit.
- Reduces noise by 30dB.
- Further noise reduction can be achieved by filling of inert gases and using laminated glazing in conjunction with the Double Glazed Unit (DGU).

# PRIVACY SOLUTIONS

AIS Glasxperts has developed a comprehensive set of solutions that fit every one of your privacy requirements. Sourced from an extensive portfolio of specialised glass, AIS Glasxperts brings together superior technology and perennial expertise to create the following solutions in living glass:

## Switchable Glass

### **AIS Swytchglas**

- A unique product that changes appearance from clear to translucent at the touch of a button.
- Enables instant privacy.
- Has acoustic properties which dampen outside noise
- Ensures safety.
- Works with an electric switch or a remote control device.
- Finds application in partitions, doors and windows. Suitable for residences, conference rooms, banks, laboratories, restaurants.

## Glass with integrated blinds

- Blinds, installed inside the double glazed sealed unit, reduce noise and enhance privacy.
- Requires zero maintenance.
- Can be operated with a remote control or a manual control at the window / door.
- Suitable for conference rooms, offices, banks, laboratories.

## Glass with view control films

- A unique product that changes appearance from transparent to translucent, from different viewing angles.
- Suitable for various applications from restaurants, and banks to laboratories, and in retail spaces, to attract attention.









# COMPLETE DOOR AND WINDOW SOLUTIONS

Home décor is an integral part of your living which is constantly evolving. Therefore, it is vital to choose materials that complement the overall aesthetic of your interior. In this day and age, along with aesthetic value there are other features like safety, security, noise cancelling, and environment-friendliness that are gaining importance.

As experts in providing world-class solutions for doors and windows, we at Glasxperts have partnered with top-of-the-line brands, from across the world to bring you the finest door and window profiles. Our expertise doesn't just help us in delivering outstanding products but, but brings you a complete offering that adds value to you and your home.

When it comes to doors and windows, you can choose from our uPVC and wooden profiles.



## Windows

uPVC, Wood, Aluminium

### Solutions in uPVC, Wood, Aluminium

We present a comprehensive range of door and window solutions, to suit your various functional needs, under AIS Windows.

With the perfect mix of style & safety, the right balance between elegance & efficiency, the ultimate combination of form & function – enjoy the best of all worlds in our comprehensive range of uPVC solutions:

Our various high-performance solutions include:

#### EcoVUE: Energy-saving solutions

- Engineered using AIS' range of high-performance solar and thermal control glass products
- Reduces heat gain from outside, thereby reducing the usage of air-conditioning

#### SilentVUE: Noise-cancelling solutions

- With specialised noise-cancelling laminated glass, SilentVUE significantly blocks noise from the outside by up to 42 decibels and helps you stay calm in the inside.
- Fusion-welded uPVC profiles and double-sealed mechanisms provide excellent sound insulation.

#### SafeVUE: Safety solutions

- Engineered using safety glass products like tempered and heat-strengthened glass.
- AIS Stronglas™ ensures better safety by greatly reducing risk of injury in the unlikely case of breakage.
- Expert installation and advanced EPDM gasketing, ensure that your home is dust-free, bright, and airy.

#### GuardVUE: Burglar-proof solutions

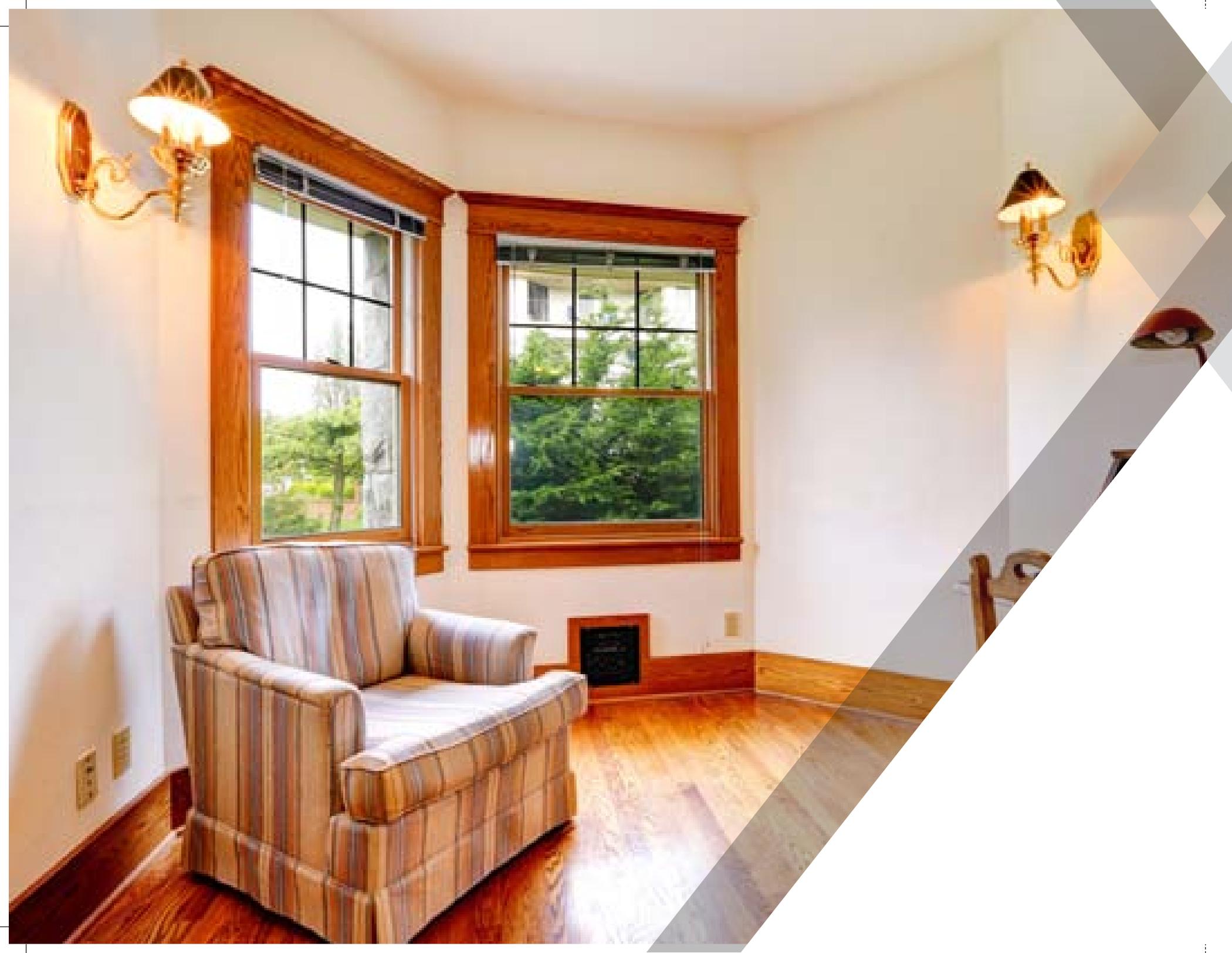
- Provides high levels of intrusion resistance, as they are made from AIS Securityglas™. Multi-chambered uPVC profile systems that are reinforced with steel enhance protection from break-ins.
- Comes with a multipoint locking system, which ensures highest level of security.

#### CustomVUE: Personalised solutions

- Combines multiple features to create windows that match your desired specifications.









## Solutions in Wood

When it comes to building and finishing materials, wood is a timeless object. While it brings a sense of nature to the surrounding, it also adds a touch of class. Today, it is hailed as the most prized amongst architects and interiors.

For our wooden solutions, we have partnered with a world-class service provider – RitikaWood, a specialist in all natural, real-wood products. They are known to deliver uncompromising quality which has made them a trusted brand and a preferred choice for customers who expect nothing but the finest.

- Delivers European finishing that complements Indian conditions.
- Adds value to your building in terms of aesthetics and performance
- Helps achieve up to 30% cost savings on cooling and heating bills
- 50-year guarantee

RitikaWood's complete product range is made from Accoya® wood – an ultra-high performance, all-natural wood which has properties that match or even exceed those of the best tropical hardwoods. Accoya® wood is one of the very few products that has a Cradle to Cradle Gold Certification, which makes them, environmentally safe and responsible.

## Windows

### RW7 Series

Premium luxury window range that combines unsurpassed performance with elegance and sheer magnificence of size.

### RW6 Series

This versatile range offers performance with casement windows and practical functionality with sliding windows.

### RWX Series

A unique situation-specific window / door solution to add the X-factor to your property. Indulge from a range of vertical sliding and sliding-folding solutions that meet your functional requirements.

### RW5 Series

This sleek, clean, and elegant series of windows encompasses a range of casement windows that are simple and a joy to operate and yet offer superior performance vis-à-vis traditional site-made windows.

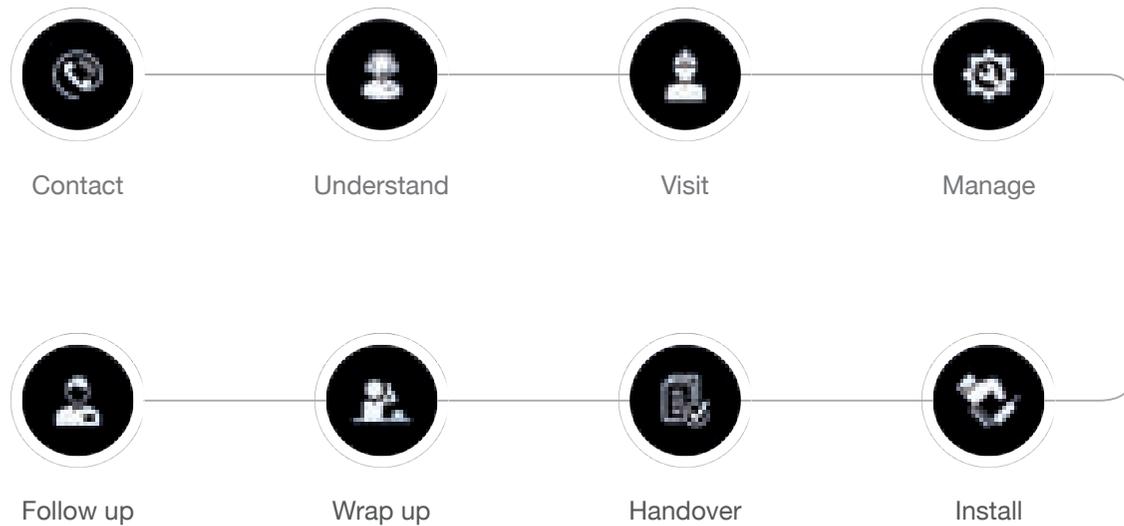
## Doors

### PermaDoors

RitikaWood PermaDoors give you unsurpassed design flexibility and are recommended for situations where security, energy efficiency, and sound insulation are primary concerns.

# FULL SERVICE CYCLE

Backed by AIS, our expert team provides you with relevant and in-depth knowledge for product and service selection. Our trained staff draws upon specialised knowledge to guide your decision-making and offer complete, customized, and innovative glass solutions just for you!



# SOLUTIONS IN WOOD



## Cladding

Add a touch of warm elegance to your façades and transform the landscape of your home with wooden cladding. In addition, cladding has an inbuilt flexibility which can withstand harsh weather conditions, meaning, they can last for ages to come.



## Flooring

A wooden floor can reflect both contemporary and traditional styles, simply by the use of different furniture. And it can bring natural beauty and warmth to the room instantly.



## Decking

Decking solutions from RitikaaWood are the ultimate in leisure surface design. The subtle beauty and the smooth finish will elevate the status of your interiors.



## Wooden Screens

RitikaaWood PermaScreen are a high-end alternative solution to both commercial and residential building needs, that offer innovative solutions for sun-shading, privacy screening, etc. and can be used in a variety of unique applications which until now were not possible to be achieved using timber.



## Structures

Ranging from pergolas, to gazebos, to timber chalets, RitikaaWood seeks to add value to your property or even build it. RitikaaWood using Accoya offers superior durability, water- and termite-resistance, and aesthetics.



# PROJECT GALLERY





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