AIS | Windows
uPVC & Aluminium



AIS REGAL SELECT

A SYMPHONY OF AESTHETICS & PERFORMANCE





THE AIS ALUMINIUM TOUCH!

AIS Windows, from AIS – India's leading glass manufacturer, offers a premium range of doors and windows in aluminium. Featuring exceptional quality and a comprehensive range, AIS Windows has options to suit a host of doors and windows preferences. We offer end-to-end solutions right from recommendations on our high-performance glass and variety of stylish doors and windows, to easy and hassle-free installation, and more.

Choose the Aluminium Advantage

- Aluminium is a light yet strong material that is easy to work on as per the requirements.
- Aluminum is the most preferred fenestration material for residential and commercial spaces.
- It has modern aesthetics.
- It is maintenance-free.
- It is weather-resistant.
- It is durable, and provides absolute resistance against rotting, corrosion, and termites.





Minimalism for maximum effect

AIS Regal Select enhances your floor to ceiling aesthetic with slim yet strong and robust frames. Pick from the range of AIS high performance glass options to match your needs.

Detailing for performance

Pick from our proven, world-class and versatile range of glass solutions with options of glazing, including tempered, laminated, DGU and a combination of laminated + DGU glass for sound insulation and thermal comfort along with hardware and accessories, AIS ensures you always get the best.

AIS REGAL SELECT UNIQUE FEATURES

- **Heightened Security with Concealed Beading*.** This uniquely designed beading makes your system burglar proof.
- **Taller openings upto 3.55 mtrs.** For taller vistas and beautiful aesthetics.
- **Upto 20% slimmer sightlines** for magnificent views.
- **Effortless handle operations** with a wide variety of options.

*Not available in fixed type of windows



CUSTOMISE EVERY COMPONENT TO MATCH YOUR STYLE

AIS Regal Select provides the single solution advantage.



Choose your system windows and doors along with high performance glass and a wide range of ergonomically designed handles.

WINDOW TYPE

GLASS

HANDLES

DOOR & WINDOW SELECTIONS

Customise your doors and windows to your taste and design with different shapes, sizes, styles and colours.



CASEMENT DOORS & WINDOWS

A single sash which is hinged from the side but can be opened either inward or outward.

Key Features

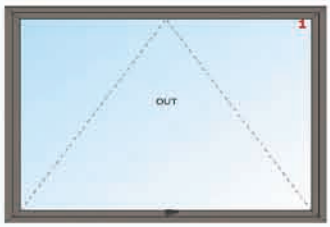
- Taller profiles upto the height of 2.9 meters.
- Slimmer sightlines for wider vistas.
- Available with Zero-threshold.
- Co-extruded gaskets which can withstand temperature levels ranging from - 20°C to 50°C.
- Wide range of glazing possibilities from 5 to 34 mm.

COMMON TYPOLOGIES


Top Hung


Side Hung

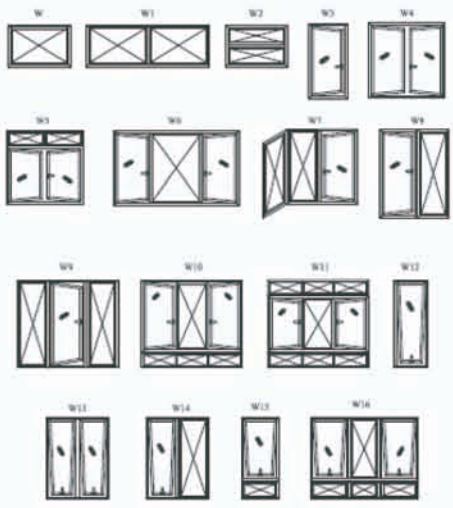

French Window

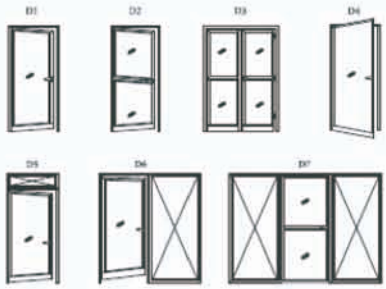


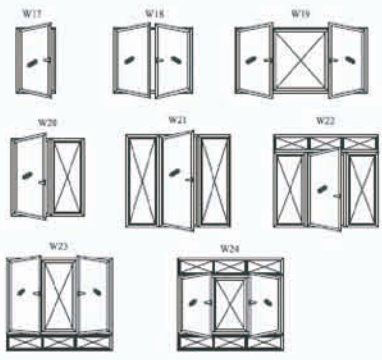


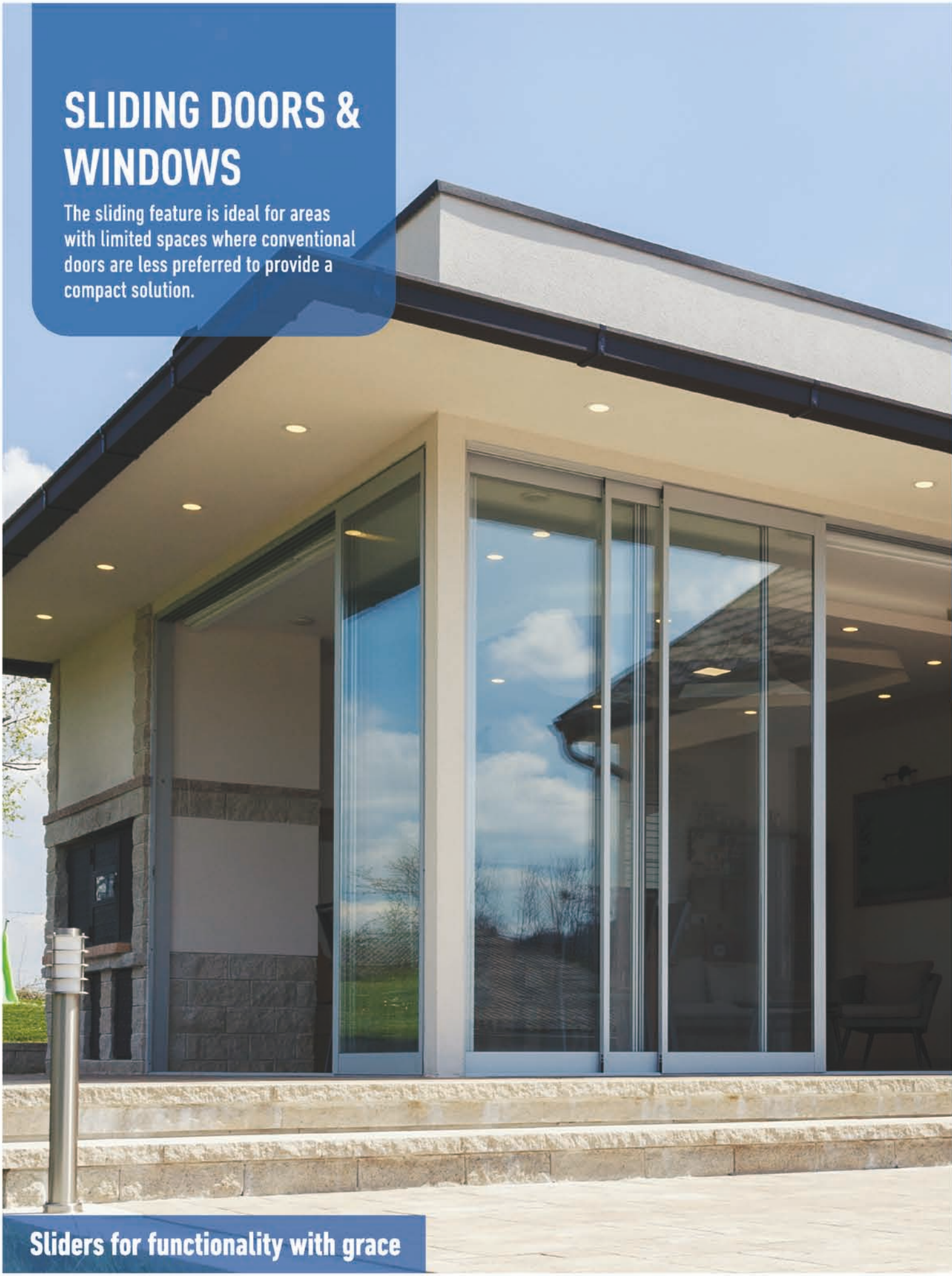


MORE DESIGN POSSIBILITIES









SLIDING DOORS & WINDOWS

The sliding feature is ideal for areas with limited spaces where conventional doors are less preferred to provide a compact solution.

Sliders for functionality with grace

Key Features

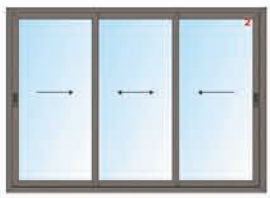
- Possibility of tall sliders of upto 3.55 meters with slim sightlines.
- Minimum visible interlock width in sliding system of only 30mm to maximise visibility and natural lighting.
- Meeting stile width of just 63mm.
- Special interlocking profile with integrated handle for functionality and significant wind load resistance.
- Customised provision of integrated insect screen.
- Wide range of glazing possibilities from 5 to 28 mm.

COMMON TYPOLOGIES

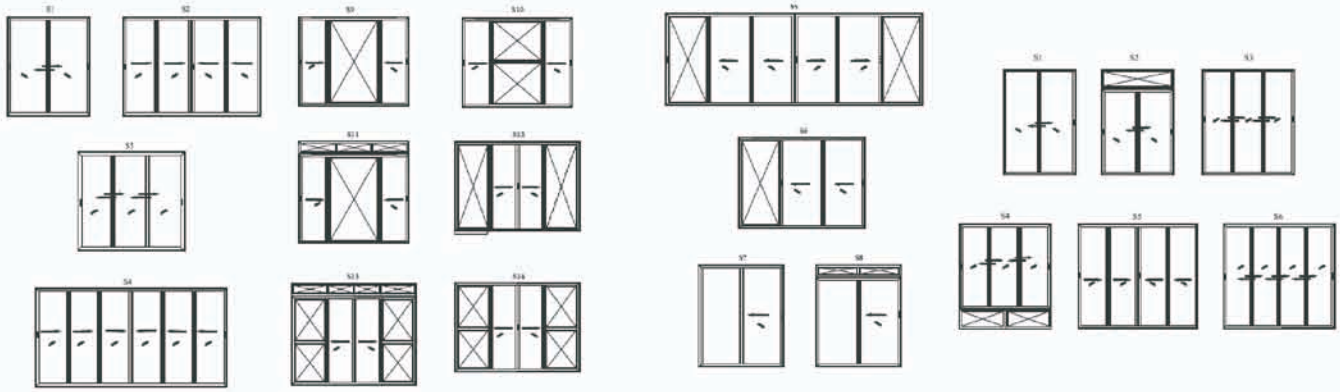








MORE DESIGN POSSIBILITIES



Available Combination in Slider Doors & Windows- 2T2P, 2T3P, 2T4P, 3T3P, 3T6P, 3T2P+1M, etc. (T-Track, P-Panel, M-Mesh Panel)



SPECIAL DOORS & WINDOWS

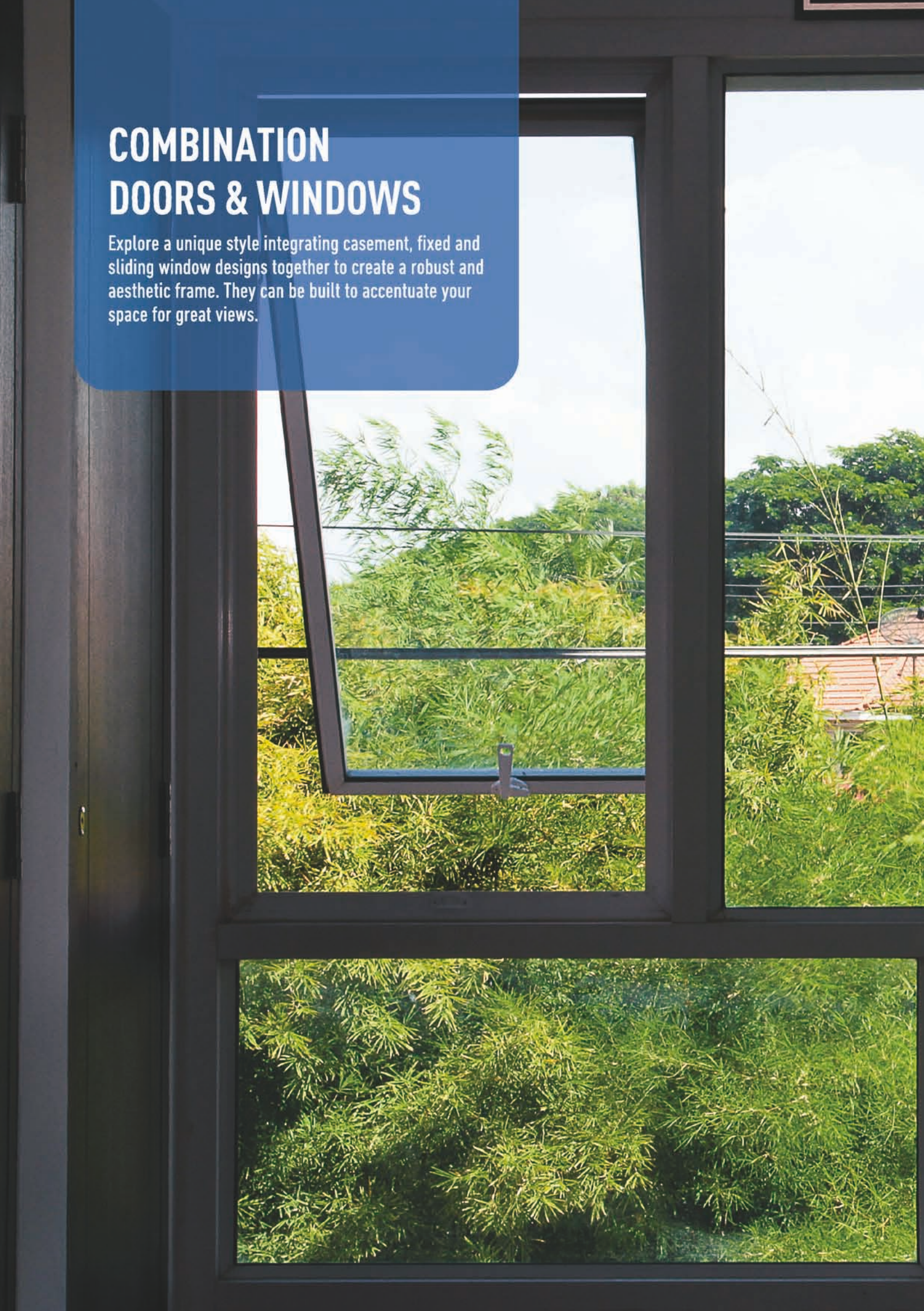
Glass to Glass (90˚) Fixed Window

Glass-to-glass windows are aesthetically appealing as corner windows with glass panes meeting at a 90 degree angle to create a sense of space and completeness. These offer a great panoramic view of the outdoors and allows maximum natural light to enter.



COMBINATION DOORS & WINDOWS

Explore a unique style integrating casement, fixed and sliding window designs together to create a robust and aesthetic frame. They can be built to accentuate your space for great views.





GLASS SELECTIONS

PROVEN EXPERTISE AND EXPERIENCE IN GLASS MANUFACTURING

With the country's biggest glass product portfolio, AIS have over 37 years of manufacturing experience of world-class products in automotive glass, architectural glass, consumer glass. Our range of products is constantly pushing the boundaries of contemporary design with the vision of sustainability and efficiency. At AIS, we reimagine the possibilities with glass every day.



Setting benchmarks in quality

Our Indian & International certifications speak for themselves, as we ensure products are put through stringent inspections in our state-of-the-art manufacturing and testing facilities to ensure highest quality.

ISO 9001:2008

TS 16949:2009

OHSAS 18001:2007

IS 2553 Part 1

IS 2553 Part 2 (Tempering)

ECE Marking for lower thickness (Cat. I, II, & III)

Glass Options – Various combinations can be used for the right solution

The options begin with our tempered glass and extend into range of glass options in SGU and DGU. Your selections will reflect your requirement, and we have you covered to make the right combination.

Need	Recommendation	Key Features
Enhanced Security	AIS Security Plus	5x stronger than conventional laminating material.
Acoustic Performance (High-noise Cancellation)	Laminated Glass/Laminated DGU	Excellent noise reduction properties
Security – Main Doors, Windows	Laminated Glass	High level protection against burglar attacks
Energy Efficiency & Sound Insulation	Insulated Glass unit with high performance AIS Ecosense glass	High Energy Efficiency & Sound Insulation
Standard Performance	Tempered Glass	Cost-effective, for sleeker profiles, stronger than annealed glass, low risk of impact-induced breakage

Key Requirement	Recommended Type	AIS Brand Name	Key Features
Effortless privacy	Smart Glass	AIS Swytchglas™	• Provides privacy with a click of a button. • Being a laminated glass, provides security and blocks harmful UV rays • Activates in less than 10 microseconds. • Available in a variety of colour tints. • Works with an electric switch or a remote control device.
	Integrated Blinds	AIS Integrated Blinds	• Blinds integrated within the glass units to ensure privacy. • The blinds can be controlled manually or via a remote switch, based on preference. • A range of different blind types to choose from along with multiple colour choices. • Also, being a DGU, helps in energy savings.

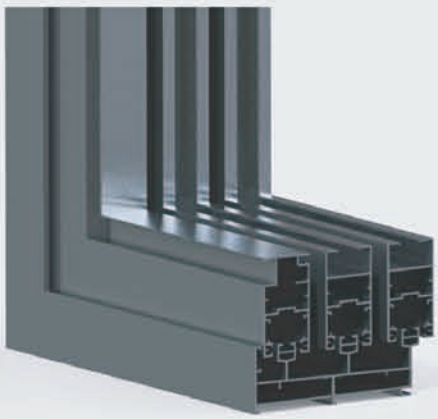
Sections Offered



Casement Door



Casement Window

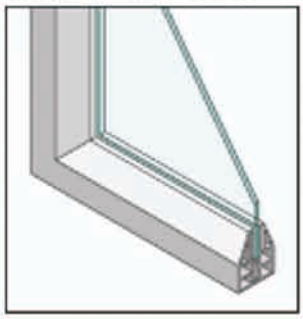


Slider Door



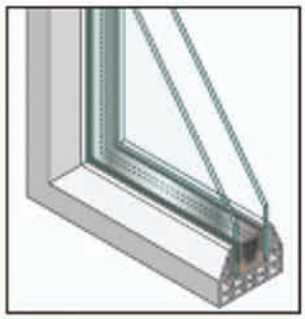
Slider Window

Glass Choices



Single Glazed

- A single layer of glass
- Provides medium to low energy efficiency,depending on glass chosen



Double Glazed

- Two panes of glass - an interior glass pane and an exterior one
- An embedded layer of inert gas creates an insulated environment between the interior and exterior of a window
- Provides superior energy efficiency and sound reduction



Laminated

- Two or more layers of glass sandwiched with polymeric inter-layer like Polyvinyl Butyral (PVB)
- Provides safety and high levels of sound reduction

AIS Spring Plus

Energy-Efficient Glass

Now Available Across all AIS Windows



Superior Solar Control:
Reflects 40% more solar heat than clear glass.

AIS Advantage:
Backed by India's leading glass manufacturer.

UV Protection:
Blocks 70% of harmful UV rays, safeguarding your furnishings.

Energy Efficiency:
20% more energy-efficient than clear glass, resulting in reduced AC usage and lower energy bills.

Light Transmission:
Reduces indoor light transmission by 20% more than clear glass, enhancing daylighting and creating a more comfortable interior environment.



GEORGIAN BARS

Accessories to enhance the aesthetics
along with functionality.



COLOUR OPTIONS TO CHOOSE FROM

White

Graphite Grey

Noir Grey

Silver Grey

S Grey

Graphite Black

Champagne Gold

Walnut

25 YEAR WARRANTY

Golden Desert

*Golden Desert color has 25 years warranty.

Urban Grey

25 YEAR WARRANTY

Phantom Grey

*Phantom Grey color has 25 years warranty.

Color shown here is for representation purpose only. Please refer to the actual color sample before finalising.

	Parameters		Sliding (Per Shutter)	Casment (Per Shutter)	Fixed (Per Shutter)
Profile Specification	Maximum weight Capability	Window	80 kg	70 kg	250 kg
		Door	200 kg	120 kg	
	Width Capability (Min-Max)	Window	500-1200 mm	400-1150 mm	310-3500 mm
		Door	600-2000 mm	550-1200 mm	
	Height Capability (Min-Max)	Window	500-1950 mm	450-1750 mm	310-3500 mm
		Door	1800-3550 mm	2000-2900 mm	
	Glass thickness Capability (Infill)	Window	5-18 mm	5-28 mm	5-28 mm
		Door	5-28 mm	5-28 mm	
	Construction Depth-Proposed		45 -125 mm	45mm	45mm
	Thermally Broken		No		
	Aluminium Termpering		T6063		
	Minimum Powder Coating Thickness		50-60 Micron		
	Profile thickness (min-max)		Ranges- 1.2 to 2 mm		
	Dimensional Tolerance		IS-6477 1999		
	Tubular / Non Tubular		Yes / Yes		
Aesthetics	Corner Joint- Crimped/Punched Cleat		Punched Casting Cleat (Spring loaded)		
	Glazing Bead Joint (Square/Mitre Cut)		Concealed Clip (squared)		
	Security Beading		Yes	Yes	-
	Double Patam Profiles		No	No	-
Sealing System	Barrier Sealing System		2 Barrier Sealing		
	Brush Seal		With Plastic Fin		
	Internal Gasket		EPDM		
	External Gasket				
Security Features	Low Threshold		Yes	Zero threshold	-
	Anti-lift Anti-Theft System		Yes	Yes	-
	Submerged/Sunken Floor		Yes	Yes	-
	Static Bar/Hurricane Bar		Yes	Yes	-
Fly Mesh	Detachable fly mesh		Yes	Yes	Yes
	Pleated Mesh		Yes	Yes	Yes
	Pull Down Mesh		Yes	Yes	Yes

All the dimensions and features mentioned in the catalogue are subject to change without prior notice.

Reimagine Your Spaces with AIS Windows Virtual Studio

Build your own windows with AR



Introducing the AIS Windows Virtual Studio – an industry-first tool that transforms how you select and personalise doors and windows. Experience real-time customisation with web Augmented Reality (AR) and Virtual Reality (VR) platforms, turning static catalogs into interactive design possibilities.

Key Features:

- Easy-to-use Interface
- Real-time Visualisation

Unlock the World of Windows and Doors with Our Windows Buying Guide!

Make informed decisions about doors and windows with our comprehensive Windows Buying Guide. Whether for personal or professional needs, this guide equips you with the insights you need to choose the best solutions.

Scan to Download the Windows Buying Guide



AIS Windows
uPVC & Aluminium

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Scan here to locate your dealer.

Scan to build your doors & windows through AR.

MAKE IN INDIA

Visualise AIS Doors & Windows in AR (Augmented Reality) through **'AIS Virtual Studio App'**

To experience glass like never before, download the **AIS** apps now!

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