



Windows

uPVC & Aluminium

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Visualise AIS Doors & Windows in AR
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November - 2025



Windows

uPVC & Aluminium



Casement



Fixed



Slider

AIS REGAL NEO

Sleek by Design, Strong by Nature, Smart by Value Engineering.

AIS WINDOWS – A DIVISION OF ASAHI INDIA GLASS LTD.



About AIS

Asahi India Glass Ltd. (AIS) with over 37 years of manufacturing experience is India's leading integrated glass and window solutions company and a dominant player both in the automotive and building & construction segments. Our product solutions, spanning the entire breadth of automotive, building & construction, are designed to deliver aesthetic and functional benefits.

About AIS Windows

AIS Windows, a business unit of Asahi India Glass Ltd. offers a premium range of doors & windows in uPVC & Aluminium. Featuring exceptional quality and a comprehensive range, AIS Windows has options to match a host of door and window preferences. We enrich lifestyles through enhanced aesthetics while also offering varied solutions in acoustic comfort, privacy and security along with hassle-free installation and after-sales service. It is a one stop solution for all your door and window needs.

The AIS Aluminium Touch

AIS Windows is a leading provider of premium aluminium windows in India, crafted from high-grade 6063 - T6 aluminium. Renowned for innovative design and long-lasting performance, our products are tested to withstand India's extreme weather conditions and are a preferred choice for both residential and commercial spaces.

AIS Regal Neo Sliders: Crafted with Excellence

AIS Regal Neo is a next-generation aluminium door and window system that blends contemporary aesthetics, engineering precision, and lasting performance. Meticulously crafted to complement refined architectural spaces, Regal Neo delivers a perfect balance of structural integrity, effortless functionality, and visual elegance.

AIS Regal Neo is our offering to discerning consumers who refuse to compromise on design, durability, or value. By integrating smart engineering and tight value-chain control, we're delivering a product that sets the new standards without heft price.



Seamless Sash Design:

Clean look with enhanced safety.



Ergonomic Handles:

Easy to operate.



Minimal Striker Design:

Delivers a clean & modern look with seamless aesthetics for doors & windows.



90-Degree Joint:

Built for lasting durability even under stress.



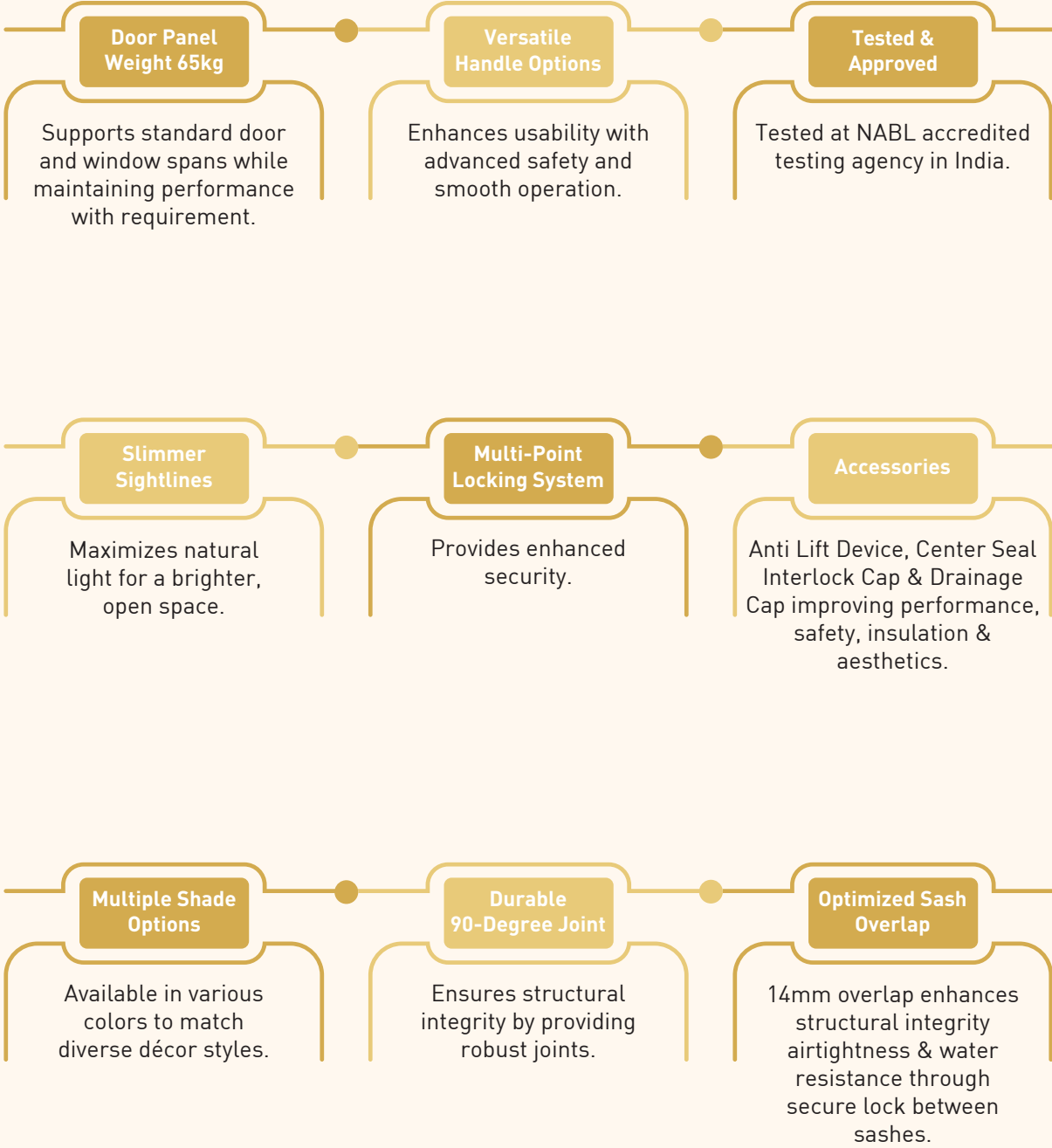
Tested as per Indian Standards (IS) published by BIS:

Specially made for Indian climatic conditions.





Features Designed For Quality



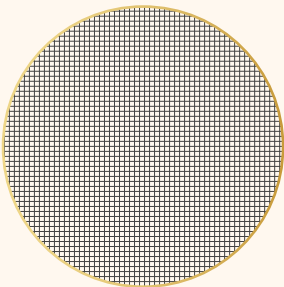
Details That Make a Difference



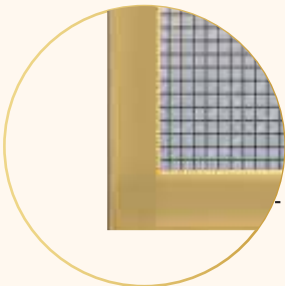
90° Joint: Ensures structural integrity



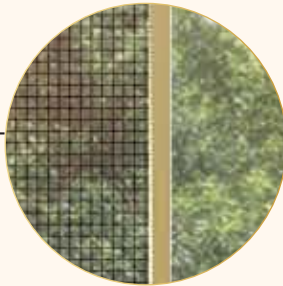
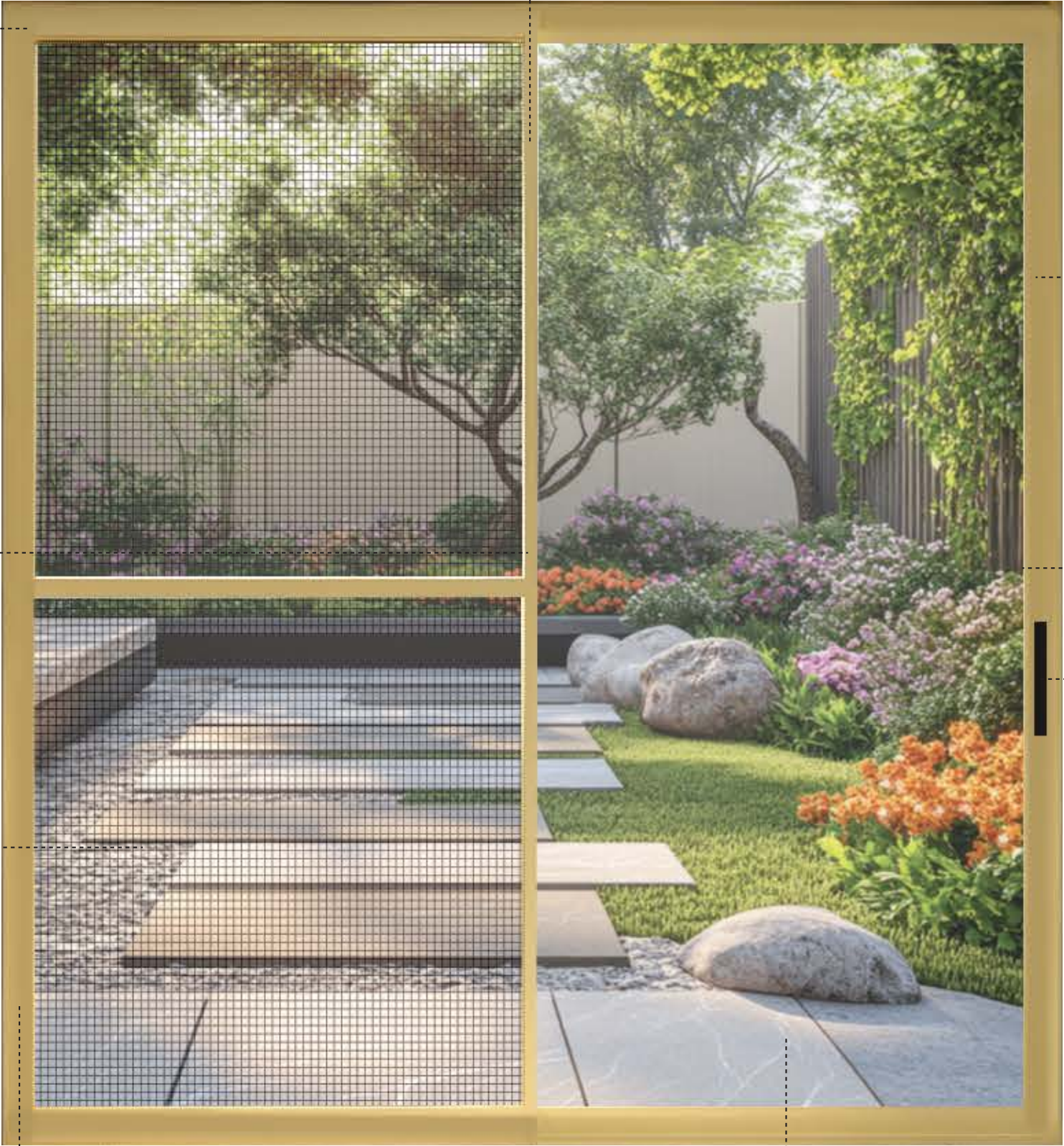
EPDM Weather Seal: Complete insulation



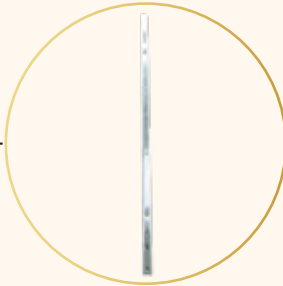
Mesh: Blocks insects letting in fresh air



Slim Profile: Appealing aesthetics



Sleek Interlock: Only 25 mm for wider, clearer views



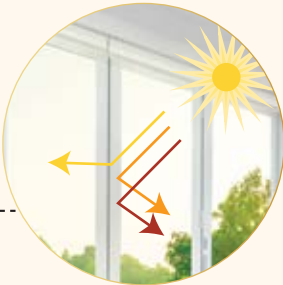
Multi Point Locking System: Enhanced security



Striker: Offering improved sealing and resistance



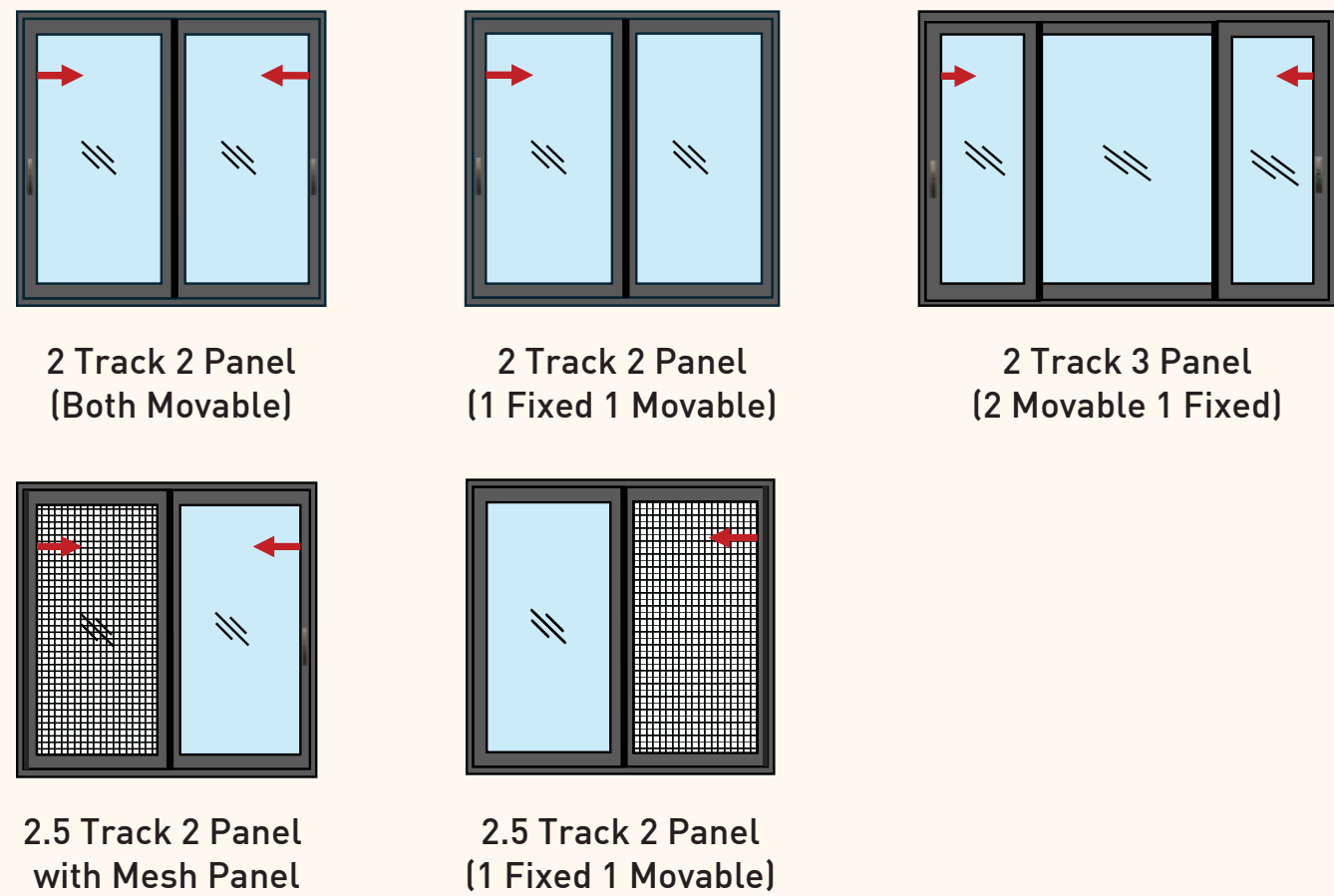
Handle: Ergonomically designed for effortless use



Solar Control Glass: Blocks heat letting natural light in

Range of Typologies to Suit Every Need

Slider



Technical Limitations - Slider

S No.	Parameters	2 Track Value	2.5 Track Value
1	Recommended Max Height* per panel (mm)	2,100	2,100
2	Recommended Max Width per panel (mm)	1,000	1,000
3	Recommended Max Weight per panel (kg)	65	65
4	Glass Thickness (mm)	5, 6, 8	5, 6, 8
5	Construction Depth (mm)	52	80
6	Frame Height (mm)	40	40
7	Interlock Sightline (mm)	25	25
8	Frame Sightline (mm)	79	79

*Recommended Height as per wind load of 1600 PA. For further information, please reach out to our team.

Table For All Testing Standards

S No.	Parameter - BSEN Standard (BS EN 12207/08/10)	Technical Performance
1	Air Permeability	Class 3 (+600 Pa)
2	Water Tightness	Class 4A (+150 Pa)
3	Resistance to Wind Load	Class C4 (+1600 Pa)

S No.	Parameter - IS Standard (IS 18472/59/73/47/648)	Technical Performance
1	Air Permeability	+600 Pa, Class B4 (IS 18648)
2	Static Water Penetration	+150 Pa, W150AA (IS 18648)
3	Dynamic Water Penetration	+300 Pa
4	Wind Load - Deformation	±1600 Pa (DL, IS 18648)
5	Wind Load - Safety	±2400 Pa

S No.	Parameter - ASTM Standard	Technical Performance
1	Air Infiltration Test - ASTM E283	+ 150 Pa, 17 m³/hr
2	Static Water Penetration Test - ASTM E331	+ 150Pa
3	Dynamic Water Penetration Test - AAMA 501.1	+ 300 Pa
4	Structural Performance Test - ASTM E330	±1600 Pa
5	Proof Load Performance Test - ASTM E330	± 2400 Pa

Hardwares and Handles for Sliders

Roller:




- Engineered for smooth operation.
- Handles heavy loads.
- Enhances overall performance.

Handle:



- Improves security with concealed multipoint locking.
- Seamlessly blends with the door frame.
- Space-saving design.

Striker:



- Provides resistance to forced entry.
- Enhanced security.
- Offers improved sealing.

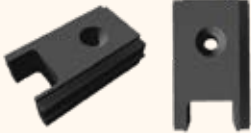
Gasket:



- Prevents air, water and dust infiltration.
- Enhances thermal and acoustic insulation.
- Provides excellent sealing between door panels and frames.

Accessories:

Anti Lift Device:



- Prevents forced lifting and break-ins.
- Increases door safety and security.
- Offers peace of mind with added protection.

Center Seal:



- Improves insulation and energy efficiency.
- Reduces noise, dust, and water infiltration.
- Enhances durability and sealing performance.

Interlock Cap:



- Enhances visual appeal with a clean, seamless finish.
- Secures interlocking profiles for added stability.
- Provides protection against dust and wear over time.

Drainage Cap:



- Prevents water buildup by covering drainage holes.
- Blocks debris and insects from entering the frame.
- Enhances durability and provides a clean, finished look.

Applications and Benefits

	Application	Customer Benefit
	Homes, apartments, villas	Effortless operation, space-saving design and modern look
	Transition between indoors and outdoors	Enhanced visibility and improved ventilation
	Kitchens in homes and apartments	Easy access for ventilation, space efficiency and modern appearance
	Balconies, verandas, utility areas	Maximized natural light, weather protection, and versatile installation
	High rise Towers	Value for money product range tested as per Indian Standard
	Replacing old or outdated windows	Easy to Install

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AIS Regal Neo Casement

Engineered Features. Everyday Benefits.

	Max door panel weight: 17kg	Smooth operation for medium-size windows
	Slimmer sightlines	More light and visibility; modern, minimal design
	45° Mitred Joints	Seamless finish with an elegant, premium look
	Multi-point locking option	Enhanced safety and security
	EPDM Weather Seals	Insulation against air, water, dust, and noise
	Solar Control Glass	Heat protection with ample natural daylight
	Versatile handle designs	Better aesthetics and ease of use
	Specialized accessories (cavity blocks, backer rod, drainage cap)	Improved sealing and structural stability

Applications and Benefits

Application	Customer Benefit
	<p>Staircases, corridors, view areas</p> <p>Allows maximum natural light, minimal maintenance, no operable parts.</p>
	<p>Bedrooms, kitchens, residences</p> <p>Provides full ventilation, easy to clean, and ensures secure locking.</p>
	<p>Bathrooms, utility areas, shaded vents</p> <p>Enables rain-safe ventilation, saves space, and prevents water ingress.</p>

Details That Make a Difference



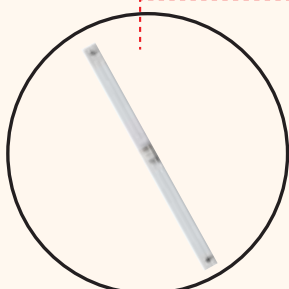
Slim Profile: Appealing aesthetics



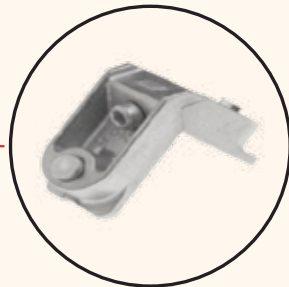
SS Friction Stay: Supports outward opening & positional control



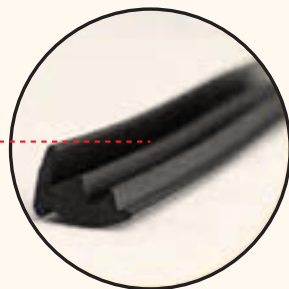
Ergonomic Handles: Easy To Operate



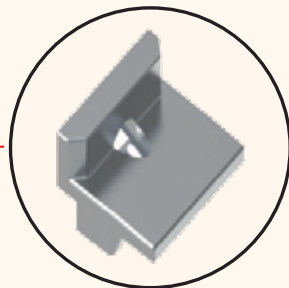
Multipoint Locking Espag: Enhance Security



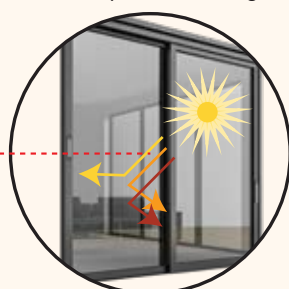
Corner Cleat: Seamless finish



EPDM Gasket: Complete Insulation

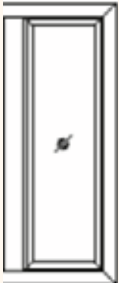

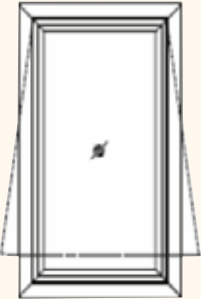


Euro Striker: Receives locking bolt for secure multi point locking



Solar Control Glass: Blocks heat letting natural light in

Typology & Technical Limitations

Typology	Max Width (mm)	Max Height* (mm)	Max Weight (kg)	Glass Thickness (mm)	Construction Depth
Fixed Window 	2000	2000	N/A	5, 6, 8	30 mm
Side Hung 	650	1350	17	5, 6, 8	30 mm
Top Hung 	950	650	17	5, 6, 8	30 mm

*Kindly connect with our team for further information

- Wind Load Resistance:** Supports up to 1.6 Kpa for casement types.
- Glass Options:** Available in tempered or soft-coat (5mm, 6mm, 8mm).
- Handle Shades Available:** Standard shades in Black & White; custom shades available with minimum order quantity.

Hardwares and Handles

Handles:


EURO Striker:


EURO Locking Paul:


Espag:

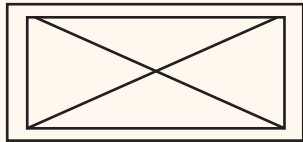

Friction Stay:


Fork Handle:

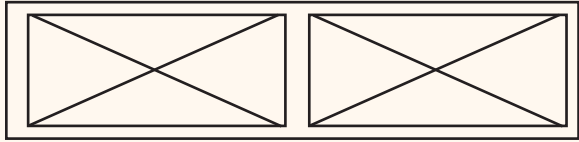

Corner Cleat:


Application	Benefits
<ul style="list-style-type: none"> Operates the sash for opening and closing. 	<ul style="list-style-type: none"> Smooth operation Various styles and enhances aesthetic
<ul style="list-style-type: none"> Mounted on the frame to receive the sash lock bolt. 	<ul style="list-style-type: none"> Secure locking Works with multipoint systems ensuring alignment
<ul style="list-style-type: none"> Integrated sash lock mechanism that engages with the striker. 	<ul style="list-style-type: none"> High security and multipoint engagement Euro-standard compatibility
<ul style="list-style-type: none"> Multipoint locking mechanism installed on the sash, operated via handle. 	<ul style="list-style-type: none"> Enhanced security through multipoint locking Uniform sash compression for better sealing
<ul style="list-style-type: none"> Hinge system enabling outward opening affixed angles. 	<ul style="list-style-type: none"> Controlled opening, prevents slamming and supports stability
<ul style="list-style-type: none"> Optional handle design, typically for top-hung windows. 	<ul style="list-style-type: none"> Ergonomic and easy grip for top-hung sashes Compact and user-friendly
<ul style="list-style-type: none"> Internal connector for joining frame or sash at 45° mitred corners. 	<ul style="list-style-type: none"> Tight, seamless joints, increases stability Enhanced alignment accuracy

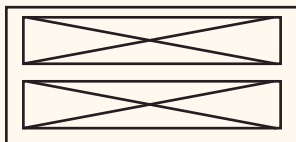
Combination Typologies



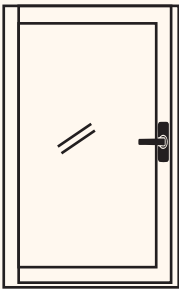
Fixed window



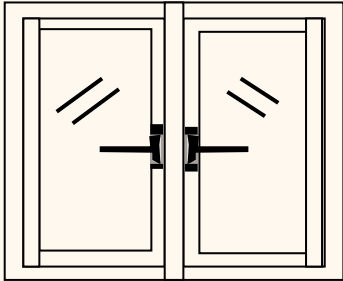
Fixed window with
mullion or reinforced
mullion



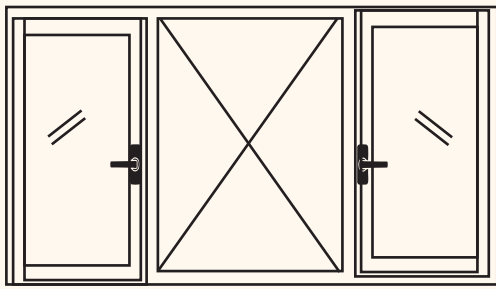
Fixed window with
mullion or reinforced
mullion



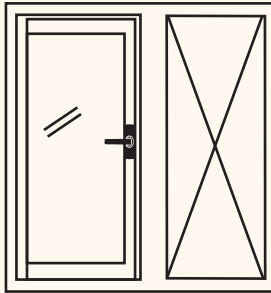
Side Hung
Window



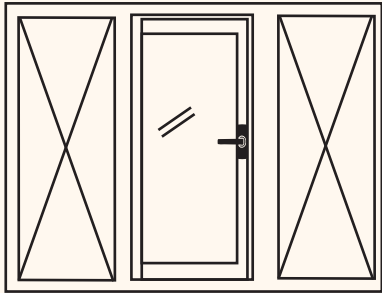
L-Side Hung R-Side
Hung + Center Mullion



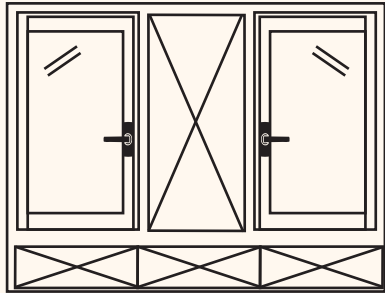
L-Side Hung R-Side
Hung + Center Fix



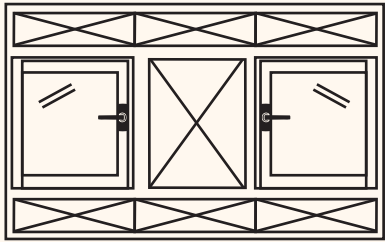
Side Hung + 1 Fix



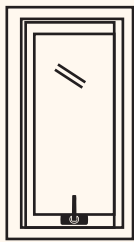
Side Hung + 2 Fix



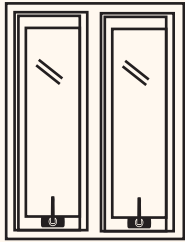
L-Side Hung R-Side Hung +
Center Fix + Bottom Fix



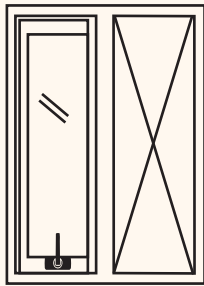
L-Side Hung + R-side Hung
+ Center Fix + Top Fix +
Bottom Fix



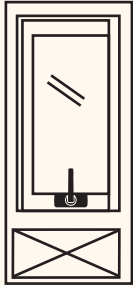
Top Hung



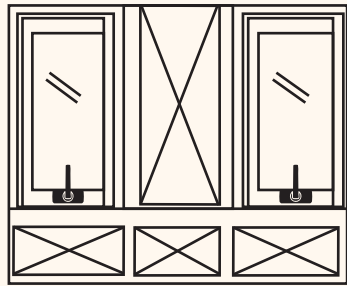
L-Top Hung
R-Top Hung +
Center Mullion



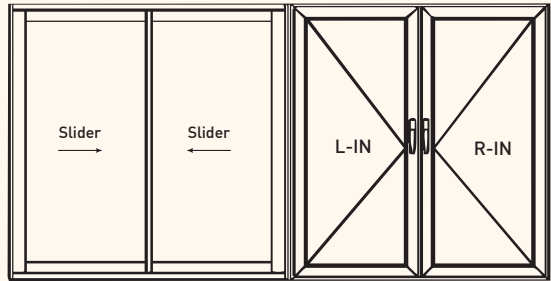
Top Hung + 1 Fix



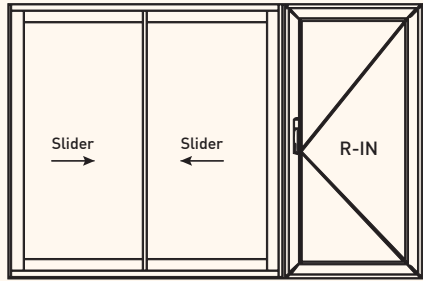
Top Hung +
Bottom Fix



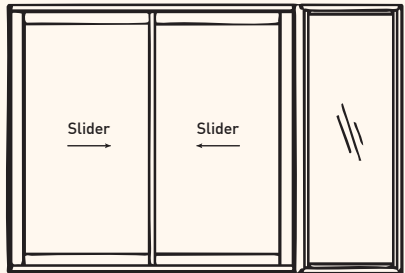
L-Top Hung R-Top Hung +
Center Fix + Bottom Fix



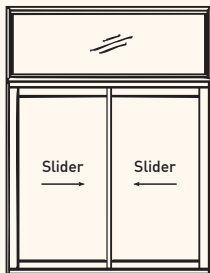
Slider + L Side Hung & R Side
Hung with Center Mullion



Slider + R Side Hung



Slider + Side Fix



Slider + Top Fix

Available in 11 Stunning Colors



Slim Means Strong

Modern sliding systems are designed to deliver both **sleek aesthetics and structural strength**. By ensuring a strong integration between the sash and the outer frame, the entire system works together to resist wind load—not just at isolated support points.

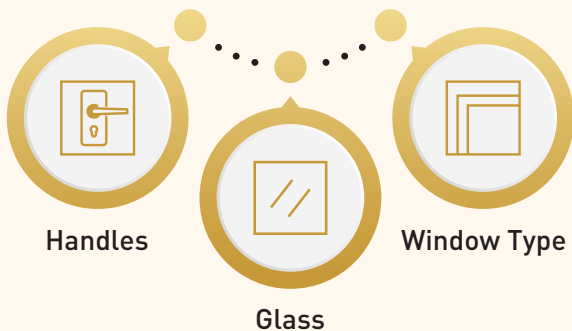
This full-frame strength ensures **reliable performance even in large openings and high-rise applications**, where pressure from wind and movement is more intense.

Whether it's a minimalist frame or a wide-panel design, **strength is engineered into the system**, making slim profiles safe, durable and ready for challenging environments.

Form Meets Function

AIS Regal Neo offers versatile options in doors and windows for both residential and commercial spaces.

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



The AIS Advantage



Premium Customizable Design



Wide Range of Selections



Built to Last



Aesthetic Appeal



Minimal Maintenance



Tested & Approved

Complete Door & Window Solutions You Can Trust



AIS Windows is your one-stop destination for premium aluminium & uPVC windows and doors built with our own glass, fabricated with our own precision, installed by our own experts, and supported by our own warranty.



Key Pillars:



End-to-End Integration:
Glass, fabrication, installation and warranty- all offered by AIS.



Uncompromising Quality Control:
Every stage is monitored and executed by AIS trained professionals.



Customer-Centric Experience:
Smooth process with accountability at all touchpoints.



Heritage of Excellence:
Backed by AIS Group's decades-long industry leadership.



Warranty:
10-year warranty on profile & 5-year warranty on hardware.

The Leader In Glass Solutions

At AIS Windows, we see doors and windows as key to better living. Backed by AIS's legacy in glass, our solutions merge quality with modern design. Built for today's lifestyle and architecture, they ensure durability, trusted performance, and enhanced comfort delivering more than just function, but a better way to live.

Spring Plus Solar Control Glass: The Energy-Efficient Glass In Regal Neo



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



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



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



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



Light Transmission:
Improves daylighting by delivering optimal indoor light while reducing glare by 20%.

Compatibility:

Tempered Glass: 5mm, 6mm & 8mm
Soft-Coat Glass: 5mm, 6mm & 8mm

Uncompromising Quality at Every Stage



- Incoming Quality Check**
Every material is meticulously inspected and tested to meet exact specifications —only the best make the cut.
- In-Process Quality Check**
Continuous monitoring ensures defects are caught early, guaranteeing precision and consistency.
- Outgoing Quality Check**
Rigorous final inspections ensure every product meets the highest standards before reaching our customers.

Best-In-Class Installation Solutions



Smart Digitalization

- App-based tools enable precise order planning and real-time tracking.
- Ensures unmatched accuracy with digital survey verification and E-BOM integration



Expert Team

- Trained and skilled AISIC installers.
- Guided by dedicated project managers.
- Fast, seamless execution with quick turnaround times.



Training & Excellence

- The DOJO training centre is a State-of-the-Art training centre.
- Empowers our workforce with hands-on expertise for flawless service delivery.



Robust Infrastructure

- Dedicated sales operations team ensures smooth order tracking.
- Specialized call centre for prompt post-installation support.
- Accurate material delivery for hassle-free fabrication.



Trusted Warranty for Long-Term Protection



Comes with a **5-Year Warranty** guaranteeing reliable performance over time.



Backed by a **10-Year Warranty** on Standard Powder Coating ensuring durability and peace of mind.

25-Year Warranty on select colors.

Unorganized Fabricators vs. AIS Windows		Unorganized Fabricators		AIS Windows	
The Quality Edge		Often rely on generic or lower-quality Aluminium profiles		Crafted with premium, branded Aluminium profiles designed for durability	
Fabrication Excellence		May use basic techniques with limited quality control		Precision-crafted with advanced fabrication technology	
Hardware & Fittings		Often rely on generic fittings, which may compromise durability		Fitted with premium, high-performance hardware	
Installation and After-Sales		Installation may lack expertise, with limited or no support		Expert-installed for precision, perfect sealing, and reliable after-sales support	
Aesthetics & Customization		Limited choices, restricting design flexibility and personalization		A versatile range of styles, colors, and custom options	
Comprehensive Warranty		Limited or no warranty, leaving customers exposed to risk		Backed by 10-year warranty on uPVC & Aluminium Door & windows	
In-House Glass Expertise		Limited glass choices, restricting energy efficiency and clarity		Leverages AIS's glass expertise to offer a variety of energy-efficient and aesthetic options	
Trusted Quality, Proven Performance		Limited brand recognition, with varying levels of consistency		A brand built on trust, innovation, and a commitment to quality since last 37 years	
Tested Product		No Focus on testing		Every Aluminium product is tested at certified labs before introduction	

Reimagine Your Spaces

Visualize windows and doors in real time with the AIS Windows Virtual Studio.



Scan the QR code to bring your vision to life!



Explore in-depth product details



Try interactive demos



Find your perfect fit



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

