



**Windows**  
uPVC & Aluminium

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



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

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December - 2025



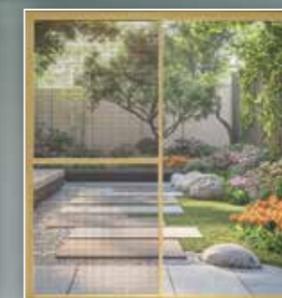
**Windows**  
uPVC & Aluminium



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.



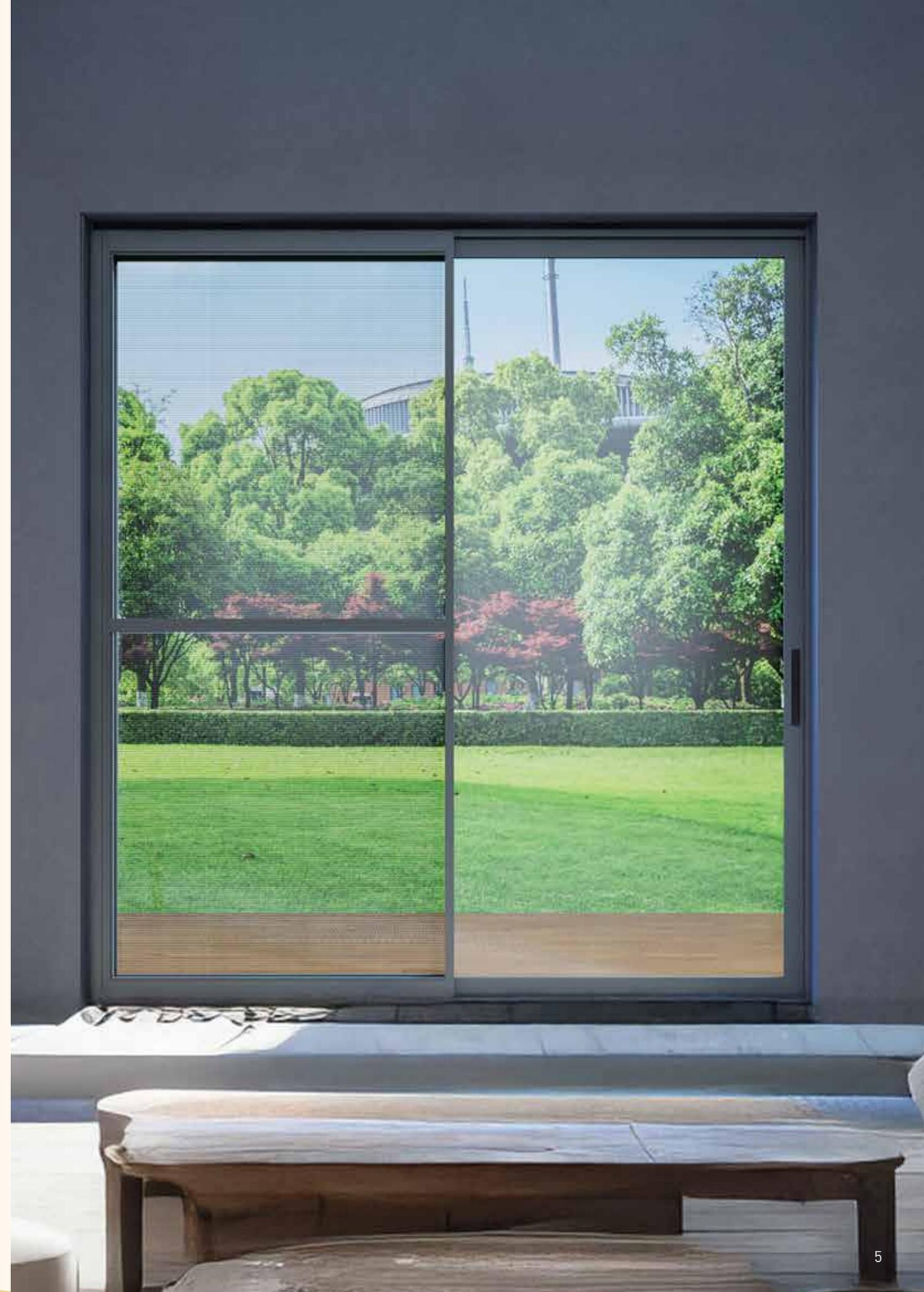
**Minimal Striker Design:**  
Delivers a clean & modern look with seamless aesthetics for doors & windows.



**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

### Door Panel Weight 65kg

Supports standard door and window spans while maintaining performance with requirement.

### Versatile Handle Options

Enhances usability with advanced safety and smooth operation.

### Tested & Approved

Tested at NABL accredited testing agency in India.

### Slimmer Sightlines

Maximizes natural light for a brighter, open space.

### Multi-Point Locking System

Provides enhanced security.

### Accessories

Anti Lift Device, Center Seal Interlock Cap & Drainage Cap improving performance, safety, insulation & aesthetics.

### Multiple Shade Options

Available in various colors to match diverse décor styles.

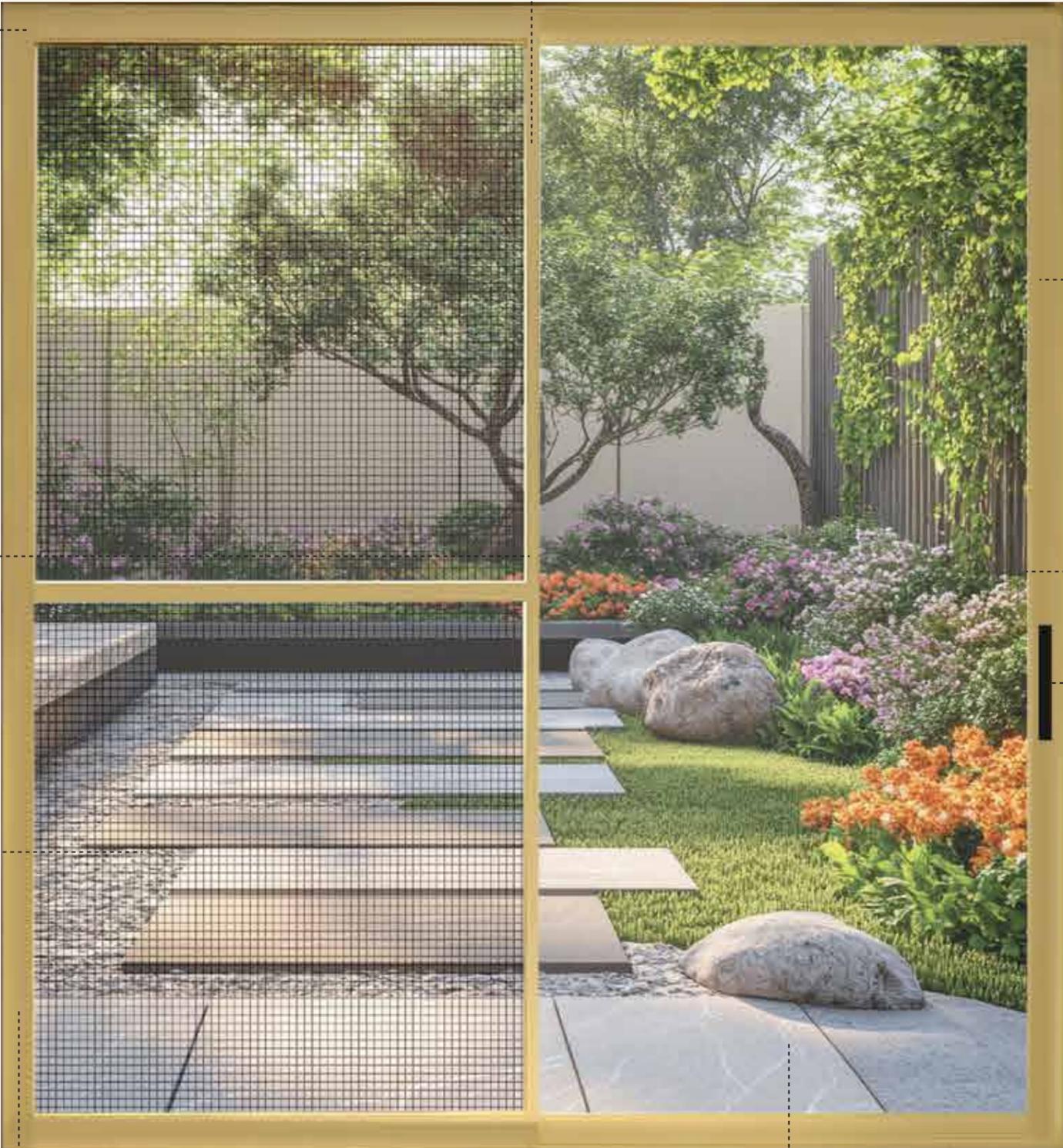
### Durable 90-Degree Joint

Ensures structural integrity by providing robust joints.

### Optimized Sash Overlap

14mm overlap enhances structural integrity airtightness & water resistance through secure lock between sashes.

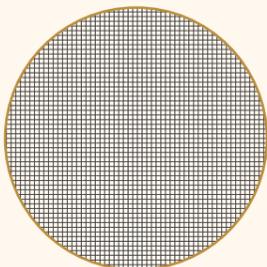
# Details That Make a Difference



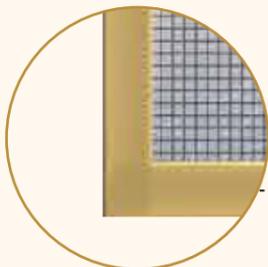
**90° Joint:** Ensures structural integrity



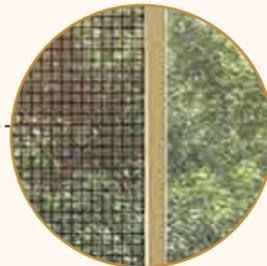
**EPDM Weather Seal:** Complete insulation



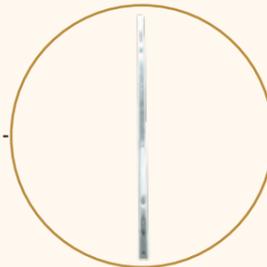
**Mesh:** Blocks insects letting in fresh air



**Slim Profile:** Appealing aesthetics



**Sleek Interlock:** Only 25 mm for wider, clearer views



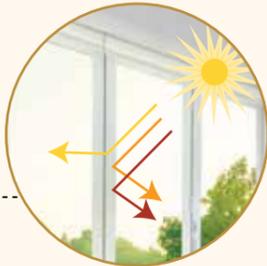
**Multi Point Locking System:** Enhanced security



**Striker:** Offering improved sealing and resistance



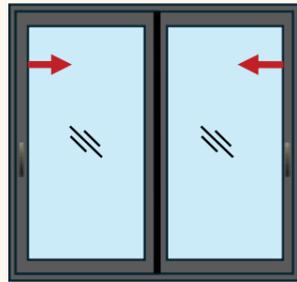
**Handle:** Ergonomically designed for effortless use



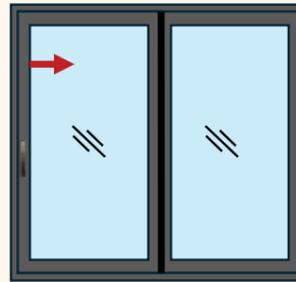
**Solar Control Glass:** Blocks heat letting natural light in

# Range of Typologies to Suit Every Need

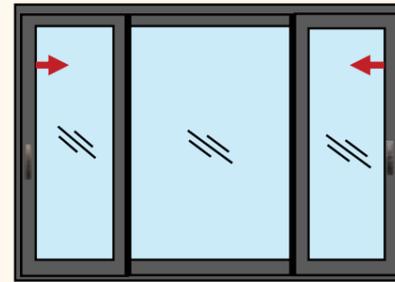
## Slider



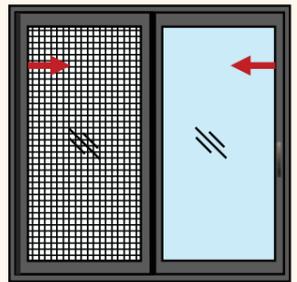
2 Track 2 Panel  
(Both Movable)



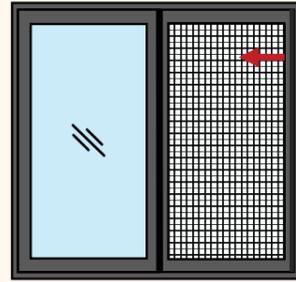
2 Track 2 Panel  
(1 Fixed 1 Movable)



2 Track 3 Panel  
(2 Movable 1 Fixed)



2.5 Track 2 Panel  
with Mesh Panel



2.5 Track 2 Panel  
(1 Fixed 1 Movable)

# 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 m <sup>3</sup> /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

# Hardware 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



Homes, apartments, villas



Customer Benefit

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

# 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

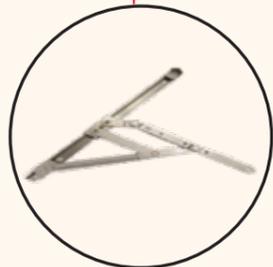
# Applications and Benefits



# Details That Make a Difference



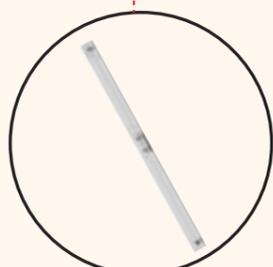
**Slim Profile:** Appealing aesthetics



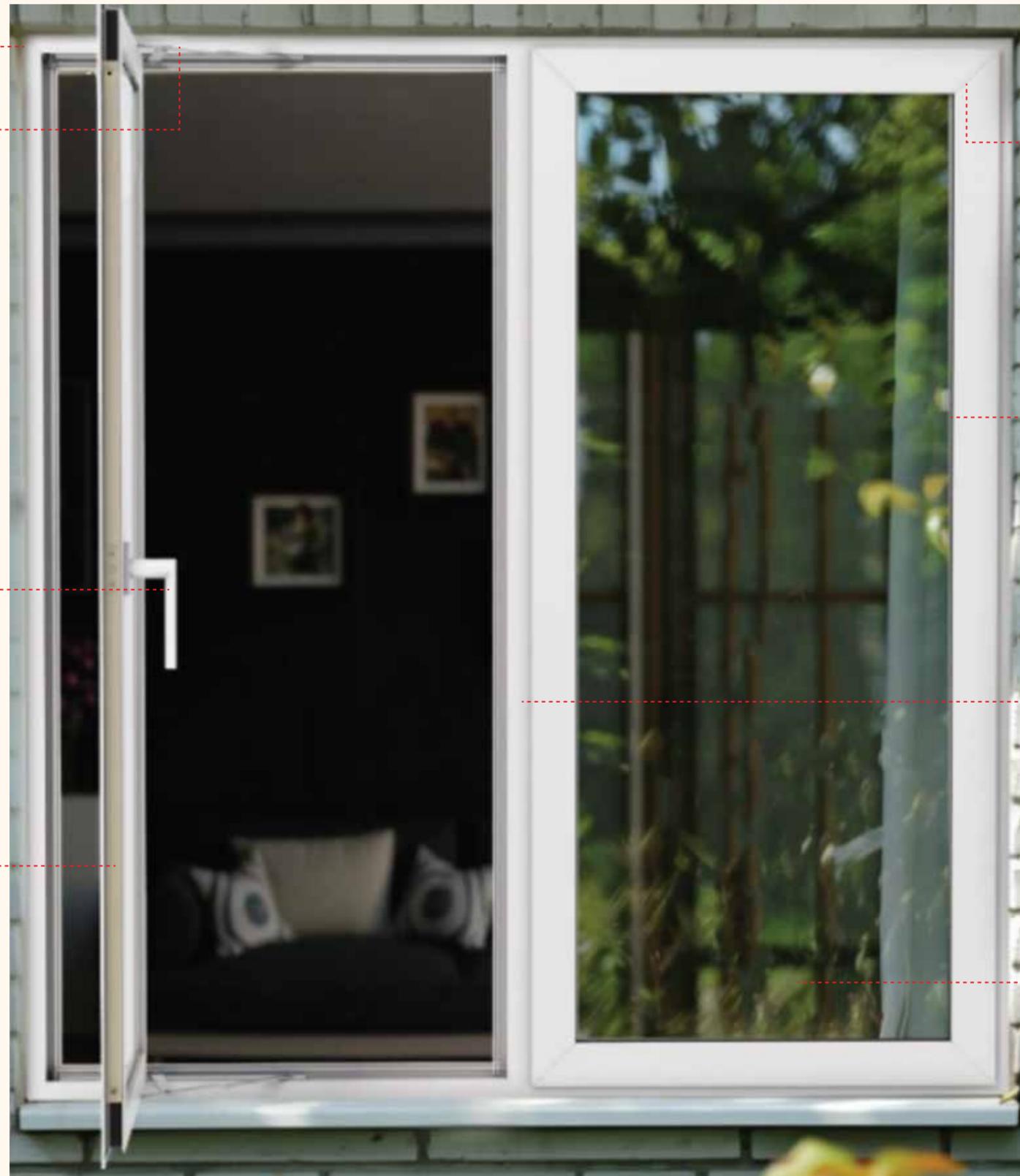
**SS Friction Stay:** Supports outward opening & positional control



**Ergonomic Handles:** Easy to operate



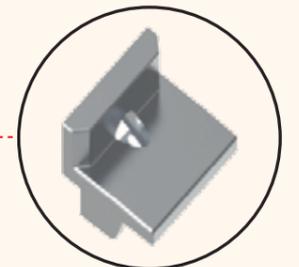
**Multipoint Locking Espag:** Enhance security



**Corner Clet:** Seamless finish



**EPDM Gasket:** Complete insulation

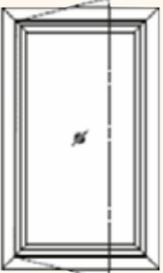
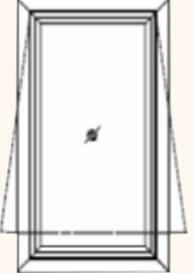


**Euro Striker:** Receives locking bolt for secure multi point locking



**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
<b>Fixed Window</b> 	2000	2000	N/A	5, 6, 8	30 mm
<b>Side Hung</b> 	650	1350	17	5, 6, 8	30 mm
<b>Top Hung</b> 	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

- Operates the sash for opening and closing.

- Smooth operation
- Various styles and enhances aesthetic

- Mounted on the frame to receive the sash lock bolt.

- Secure locking
- Works with multipoint systems ensuring alignment

- Integrated sash lock mechanism that engages with the striker.

- High security and multipoint engagement
- Euro-standard compatibility

- Multipoint locking mechanism installed on the sash, operated via handle.

- Enhanced security through multipoint locking
- Uniform sash compression for better sealing

- Hinge system enabling outward opening at fixed angles.

- Controlled opening, prevents slamming and supports stability

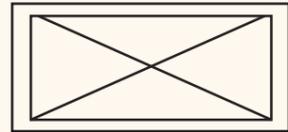
- Optional handle design, typically for top-hung windows.

- Ergonomic and easy grip for top-hung sashes
- Compact and user-friendly

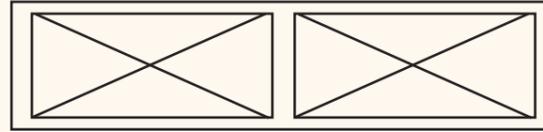
- Internal connector for joining frame or sash at 45° mitred corners.

- Tight, seamless joints, increases stability
- Enhanced alignment accuracy

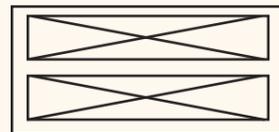
# Combination Typologies



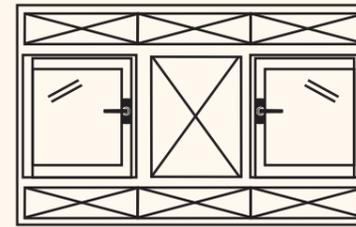
Fixed window



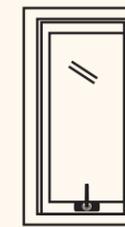
Fixed window with mullion or reinforced mullion



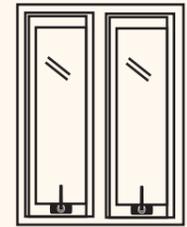
Fixed window with mullion or reinforced mullion



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



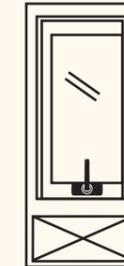
Top Hung



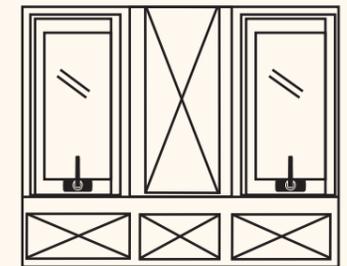
L-Top Hung R-Top Hung + Center Mullion



Top Hung + 1 Fix



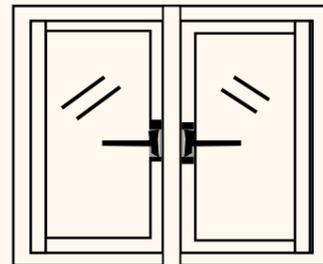
Top Hung + Bottom Fix



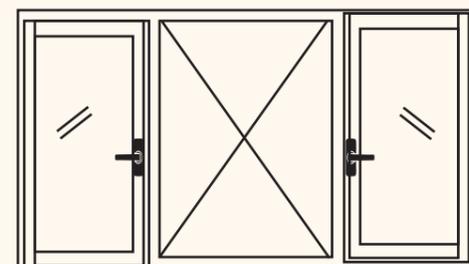
L-Top Hung R-Top Hung + Center Fix + Bottom Fix



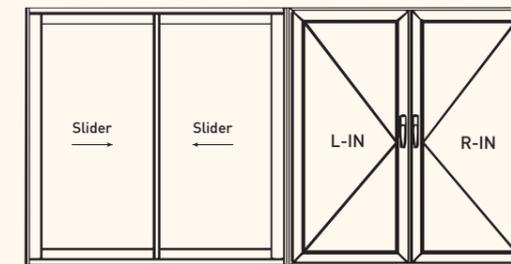
Side Hung Window



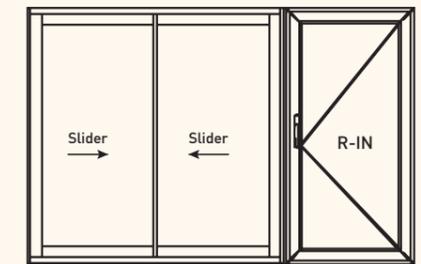
L-Side Hung R-Side Hung + Center Mullion



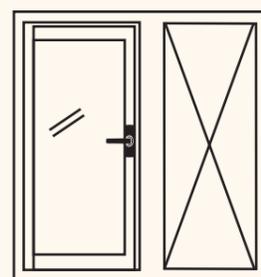
L-Side Hung R-Side Hung + Center Fix



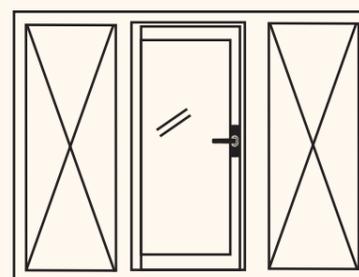
Slider + L Side Hung & R Side Hung with Center Mullion



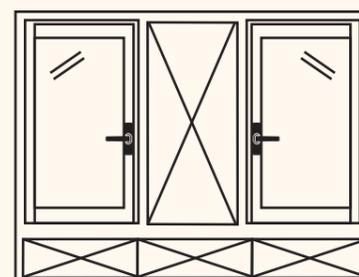
Slider + R Side Hung



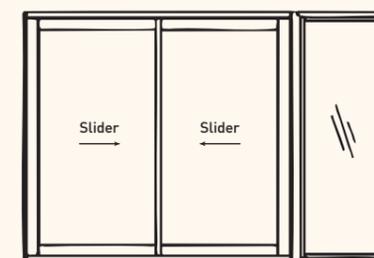
Side Hung + 1 Fix



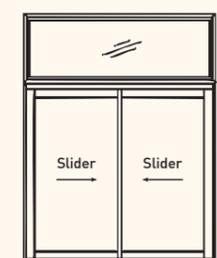
Side Hung + 2 Fix



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



Slider + Side Fix



Slider + Top Fix

## Available in 11 Stunning Colors



Color shown here is for representation purpose only. Please refer to the actual color sample before finalising. All colour options are backed by a standard 10-year finish warranty, while Golden Desert and Phantom Grey come with an extended 25-year finish warranty.

## 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.

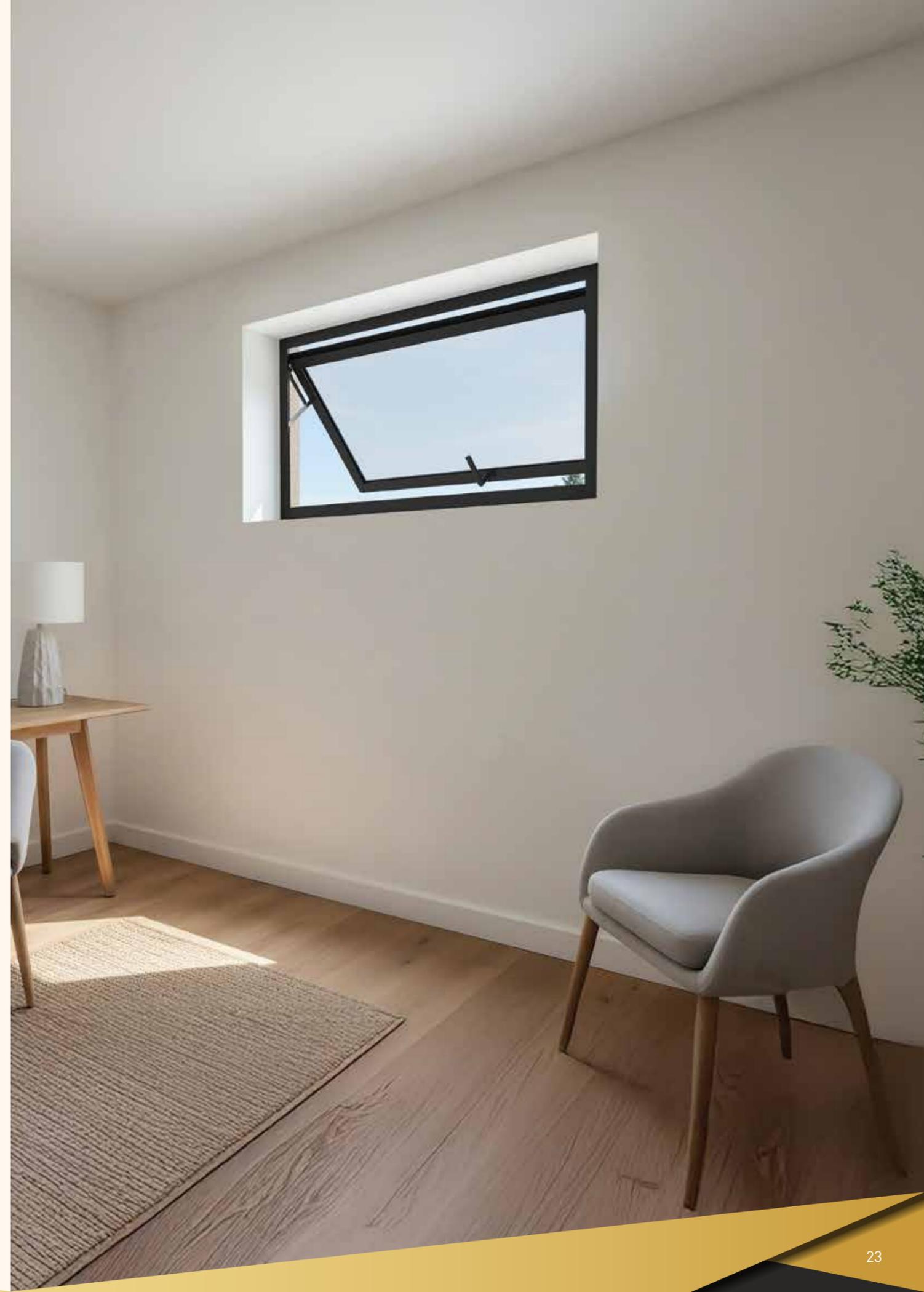
This full-frame strength ensures **reliable performance even in large openings and high-rise applications**, where pressure from wind and movement is more intense.

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.

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

