



Windows
uPVC & Aluminium

AIS ROYAL ELITE

The Signature of Premium Living.

AIS WINDOWS – A DIVISION OF ASAHI INDIA GLASS LTD.



At AIS Windows, quality is a legacy shaped by decades of Japanese collaboration.

For over four decades, AIS has shared a close working relationship with AGC, Japan — a global leader known for its uncompromising standards of quality, precision, and innovation. This long-standing collaboration has played a pivotal role in shaping the culture and capabilities of AIS.

Drawing inspiration from Japanese manufacturing philosophy, AIS has embedded a deep-rooted culture of quality into its DNA. The principles of discipline, continuous improvement, and attention to detail influence how we design products, run our operations, and serve our customers.



At AIS Windows, this philosophy translates into best-in-class new product development, advanced manufacturing practices, and world-class shopfloor processes. Every stage of production is guided by a robust Quality Management System (QMS) designed to ensure consistently high standards across product performance, manufacturing processes, workforce training, and customer service.

Our teams are continuously trained to follow structured processes and rigorous quality checks so that every window and door reflects reliability, precision, and durability. This enduring collaboration with Japan has helped AIS build capabilities that meet global benchmarks, ensuring that every AIS window and door is crafted with the same commitment to excellence that defines Japanese engineering.

At AIS Windows, quality is not just a promise, it is a legacy shaped by decades of Japanese collaboration.



About

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.

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 ROYAL ELITE: Engineered for Grandeur

AIS ROYAL ELITE is a super-premium heavy-duty sliding door system engineered for expansive openings in luxury residences and high-end projects.

Built to carry large glass panels with silent precision, it delivers exceptional structural strength, smooth performance, and refined aesthetics, without visual bulk. Minimal sightlines preserve uninterrupted views, while precision-engineered aluminium profiles ensure long-term durability and stability.

AIS ROYAL ELITE serves homeowners and premium projects seeking commanding scale, superior performance, and uncompromising aesthetics. It is a system built not merely to function, but to quietly define luxury through restraint, reliability, and refined design.



Heavy-Duty Performance:

Supports shutters up to 420 kg with smooth, stable movement.



Minimal Sightlines:

Ultra-slim 20 mm profiles for uninterrupted views.



Advanced Weather Sealing:

Dual sealing system for enhanced protection and comfort.



High-Strength Aluminium:

Premium 6063-T6 alloy for lasting structural strength.



Refined Safety & Comfort:

Anti-lift security with soft-close and low-threshold access.





Features Designed For Quality:



Slim Sightlines:

Maximizes natural light and gives a clean, premium look.



Robust Weight & Height:

Handles large shutters with strength while keeping a sleek appearance.



Flat Sill:

Designed for smooth, safe, and seamless indoor-outdoor access.



Seamless Frame Design:

Creates a refined, single-frame visual for modern homes.



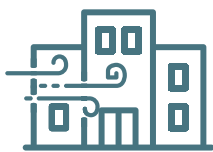
Effortless Handle:

Comfortable grip with smooth, everyday operation.



Thicker Glass Support:

Improves comfort indoors with better noise and heat control.



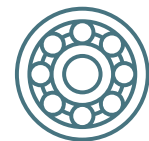
High Wind Performance:

Stays stable and secure in high-rise and exposed locations.



Advanced Safety Lock:

Provides stronger security for large sliding doors.



Heavy Duty Rollers:

Ensures gentle, quiet sliding with a premium feel.



Performance Tested Durability:

Tested to ensure long-lasting sealing and reliable performance.



Soft-Close Mechanism:

Ensures smooth, controlled closing for large sliding shutters.

Details That Make a Difference:



Seamless Profiles: Clean, refined design with neat, concealed joints



Premium Handle: Smooth grip that feels solid and effortless to use



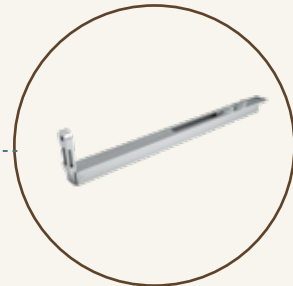
Thicker Glass Support: Allows stronger glass compatible upto 38mm glass thickness



Better Sealing: Helps keep out dust, noise, and rain



Slim 20mm daylight with
as the fram



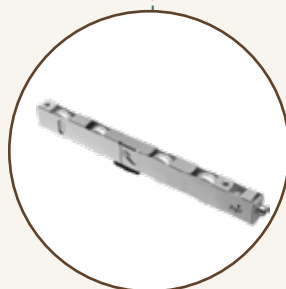
Soft Close: Ensures smooth, quiet closing for large shutters



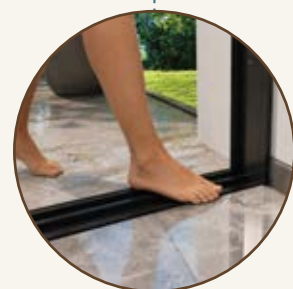
Enhanced Safety Locks: Secure locking system for added peace of mind



Interlock: Maximises minimal visual clutter
almost disappears



Heavy Duty Rollers: Glides gently with a soft, premium feel



Flat Sill: Easier to walk across with safer, smoother movement

Thoughtful Details for Everyday Comfort:

Thoughtful window design enhances everyday living by making spaces easier to use and safer for everyone at home.



Flat Sill for Seamless Access:

- Flat Sill bottom frame for smooth indoor–outdoor movement.
- Comfortable to walk across, even barefoot.
- Reduces tripping risk and improves accessibility.
- Creates a clean, continuous connection to balconies or decks.

Soft-Close for Controlled & Safe Sliding:

- Built-in mechanism prevents sudden slamming.
- Ensures smooth, quiet closing for large shutters.
- Reduces impact on glass and hardware.
- Helps prevent finger injuries and trapping.
- Child and elder friendly design ensuring safety for homes.



Child Safety



Silent Operation



Accident Prevention

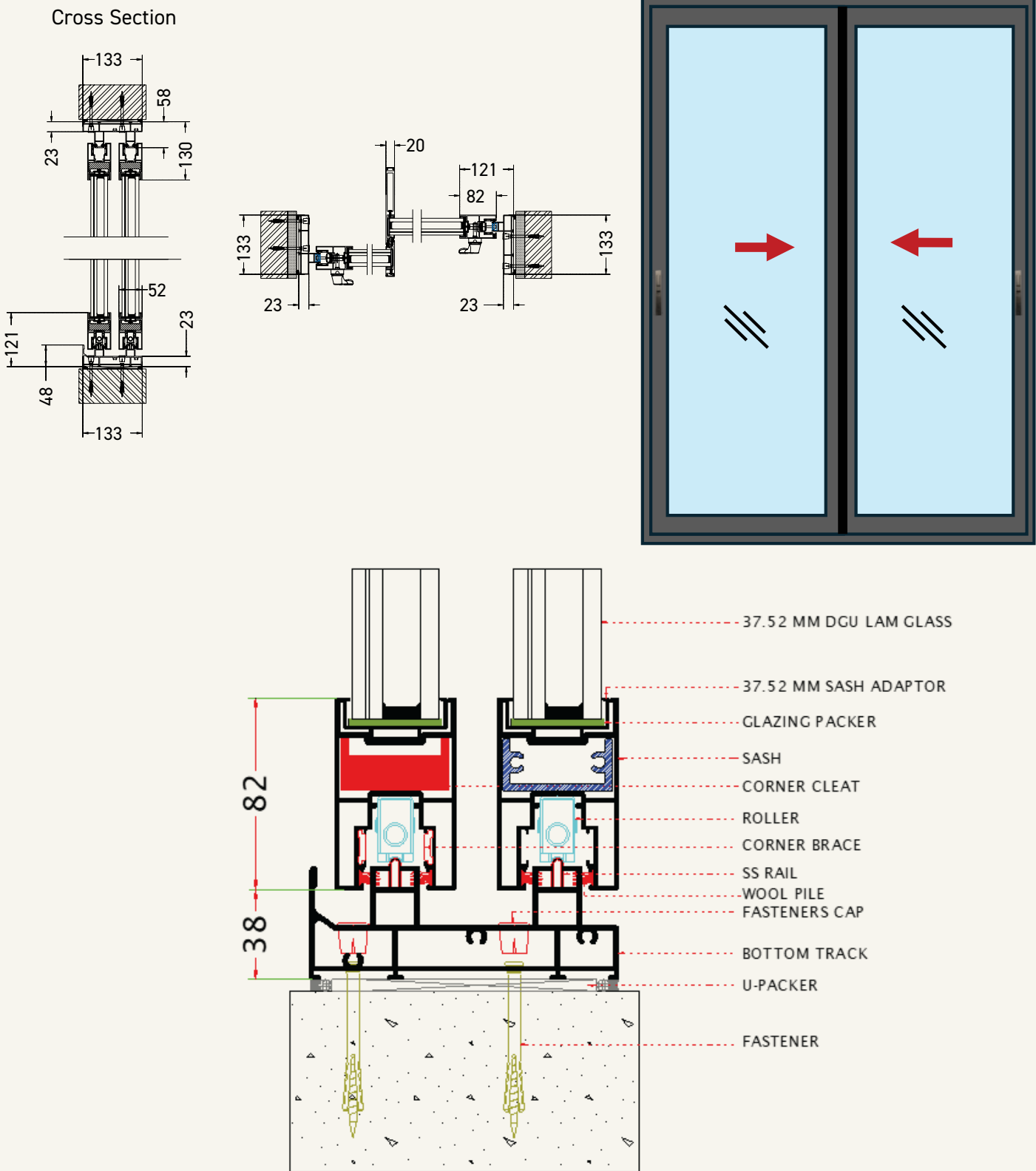


Range of Typologies to Suit Every Need:

Royal Elite: Cross Sections

2T2P

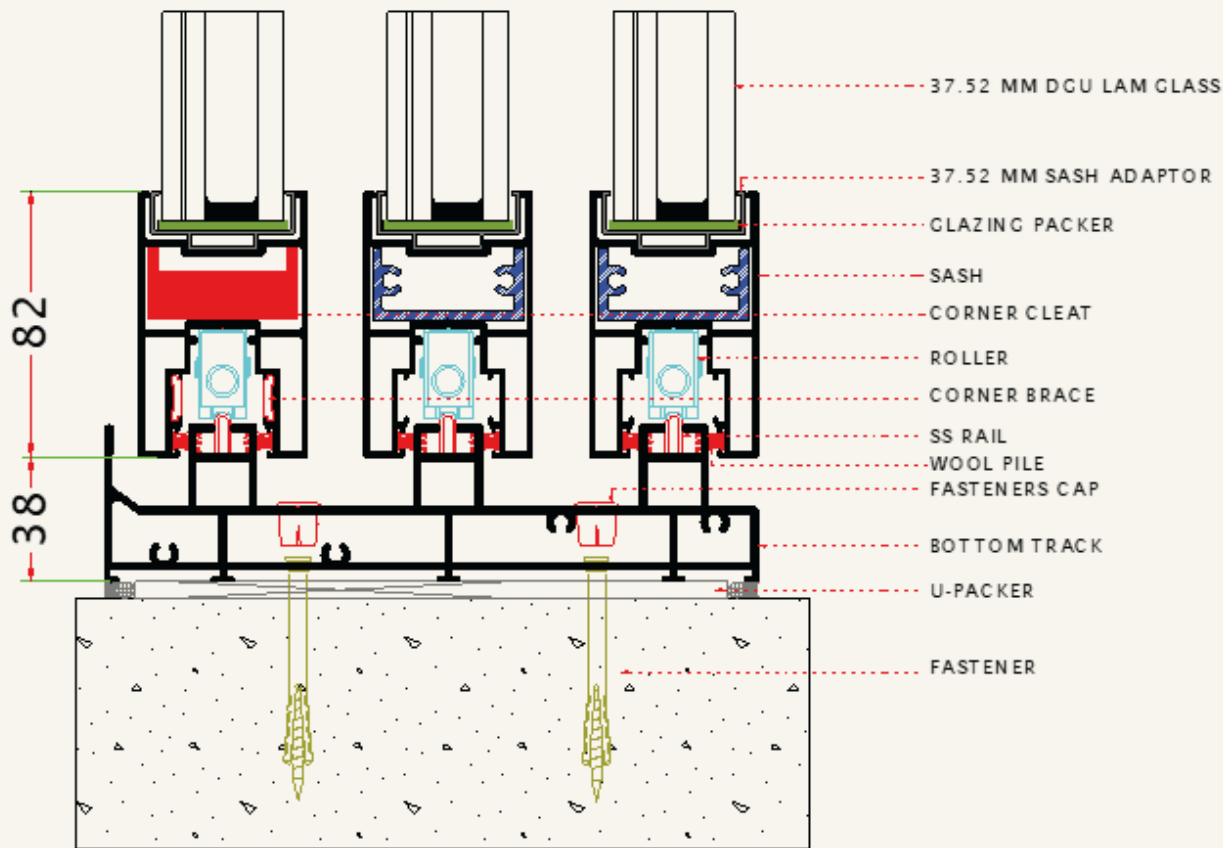
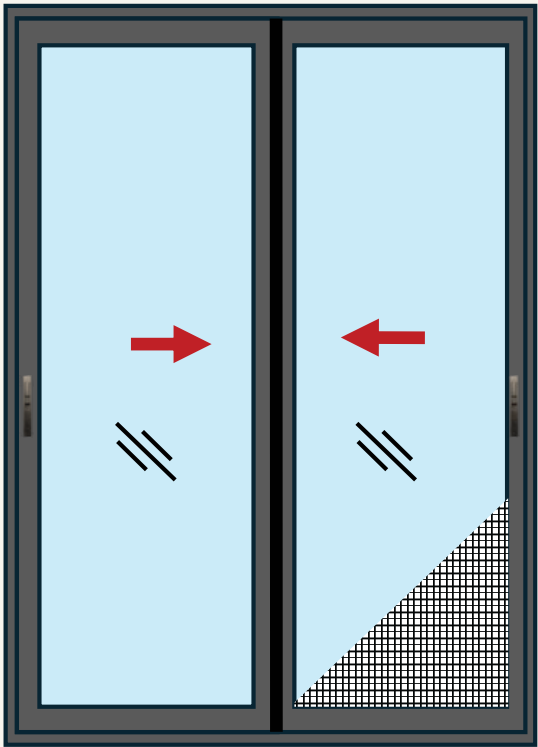
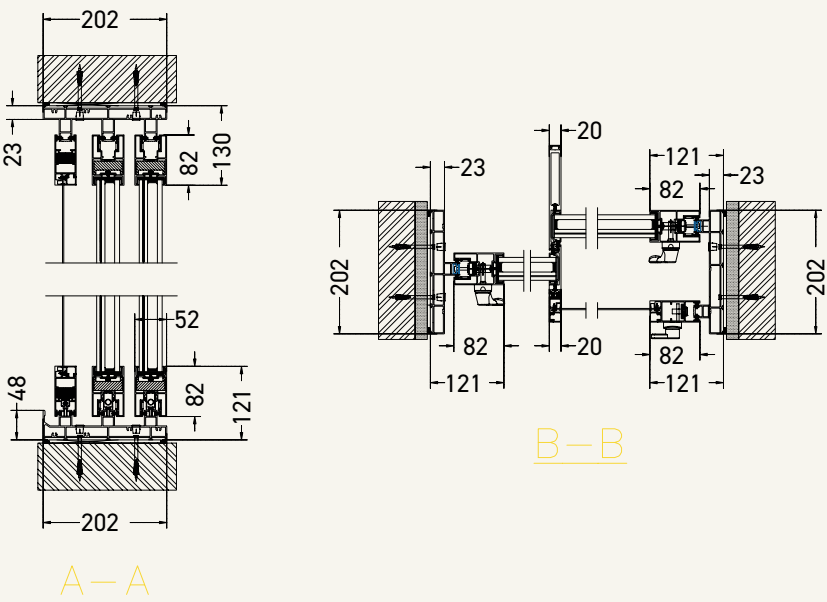
TYOLOGY: 2T2P



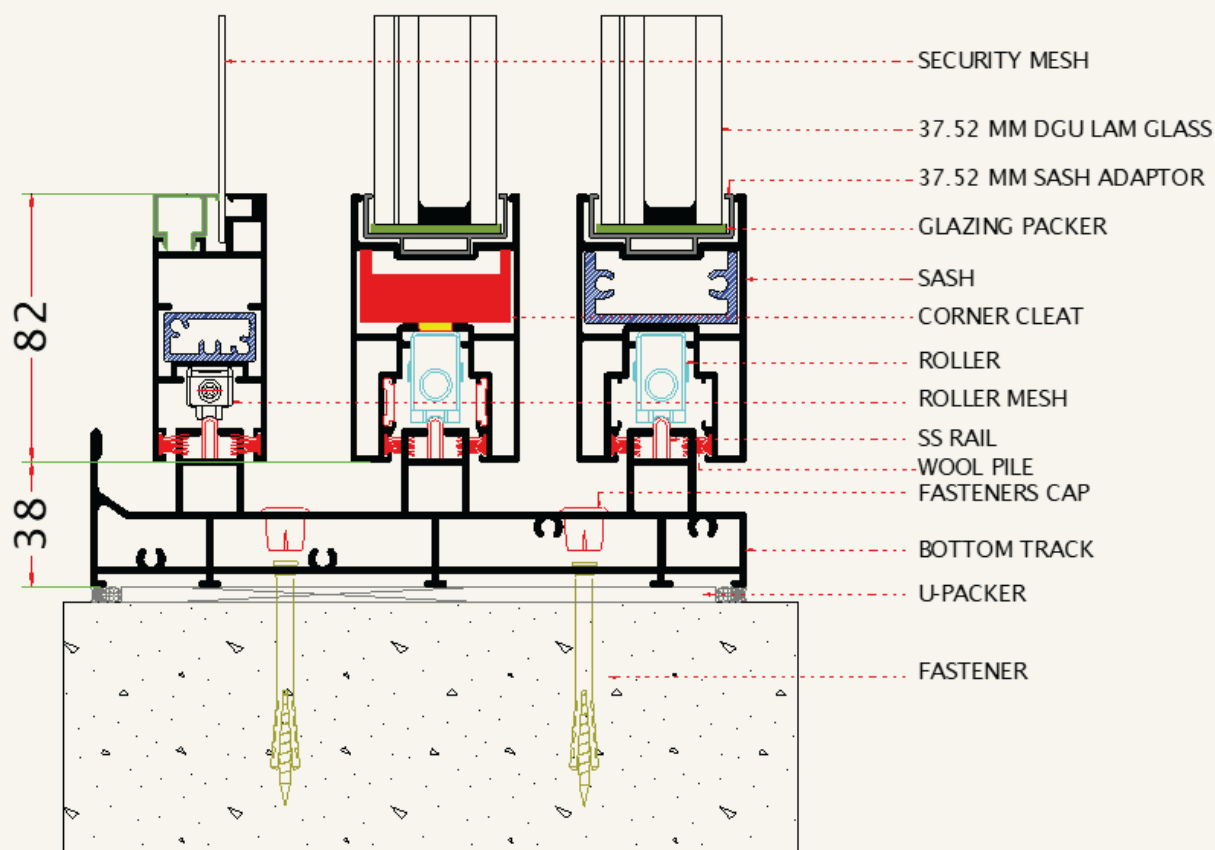
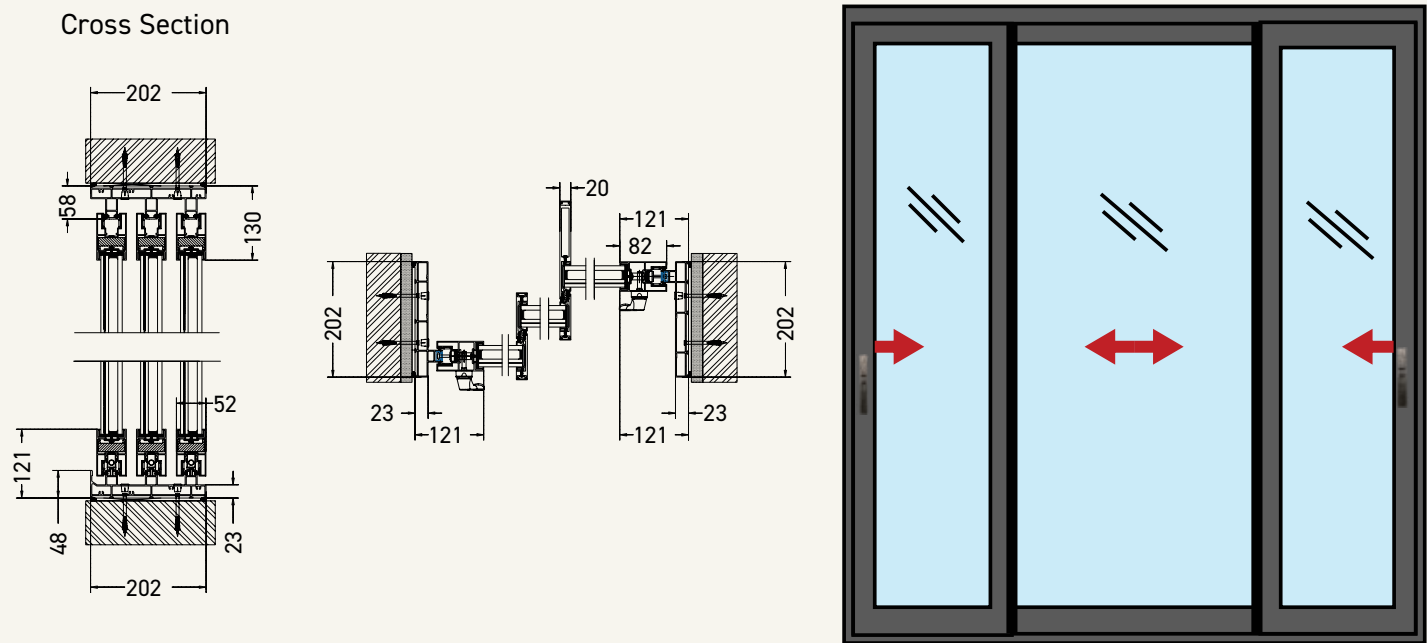
3T2P+Mesh

TYPOLGY: 3T2P + Mesh

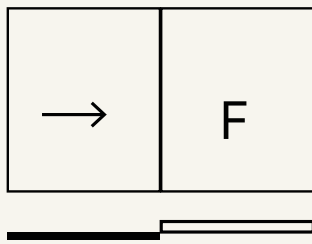
Cross Section



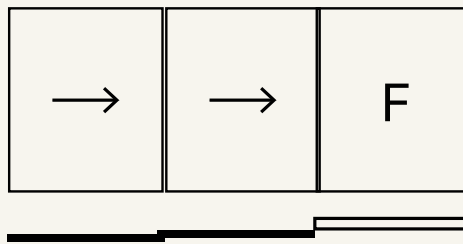
3T2P + Mesh



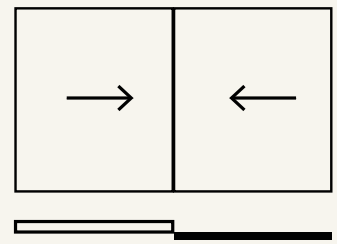
3T3P



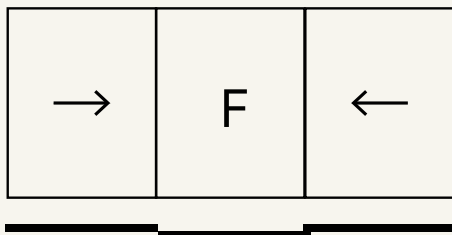
SLIDING FIX



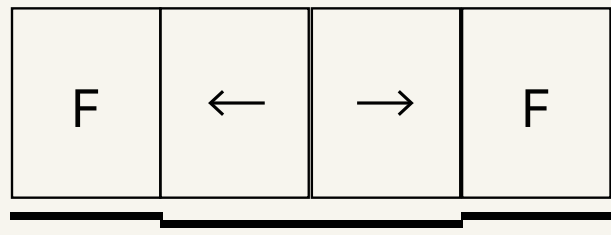
DOUBLE SLIDING - FIX



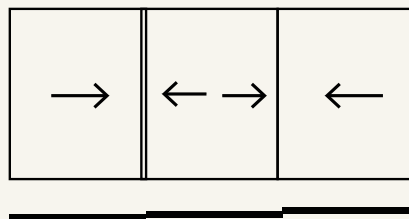
DOUBLE SLIDING



SLIDING - FIX - SLIDING



FIX - DOUBLE SLIDING - FIX



TRIPLE SLIDING

Technical Specifications:

S No.	Parameters	Specification
1	Threshold Height	48.4 mm
2	Wind Load Resistance	Class CE3000 (+3000 Pa)
3	Air Tightness	Class 3 (+600 PA)
4	Water Tightness	Class 7A (+300 Pa)
5	Joint Construction	45° & 90° joints

System Capability (Per Shutter):

S No.	Parameters	Specification
1	Max Shutter Weight	Up to 420 kg
2	Shutter Width Range	1000 – 2000 mm
3	Shutter Height Range	1800 – 3900 mm
4	Glass Thickness (mm)	Up to 38 mm
5	Construction Depth (2 Track)	133 mm
6	Construction Depth (3 Track)	203 mm
7	Minimal Sightline	~20 mm

Testing Parameters:

BSEN Standard (BS EN 12207/08/10)

S No.	Performance Metric	Classification & Test Pressure
1	Air Infiltration	Class 4 (+600Pa)
2	Air Exfiltration	Class 3 (+600Pa)
3	Water Tightness	Class 7A (+300 Pa)
4	Resistance to Wind Load	Class CE3000 (+3000 Pa)
5	Wind Resistance Test	Class CE3000 (+4500 Pa)

ASTM Standard (ASTM E283/E331/E330, AAMA 501.1)

S No.	Performance Metric	Test Value / Pressure
1	Air Infiltration	450 Pa
2	Static Water Penetration	+300 Pa
3	Dynamic Water Penetration	+300 Pa
4	Structural Performance	±3000 Pa
5	Proof Load Performance	±4500 Pa

IS Standard (IS 18472/59/73/47/648)

S No.	Performance Metric	Test Value / Pressure
1	Air Infiltration	+600 Pa, Class A4 (IS 18648)
2	Air Exfiltration	+600 Pa, Class A3 (IS 18648)
3	Static Water Penetration	+300 Pa, W300AA (IS 18648)
4	Dynamic Water Penetration	+300 Pa
5	Wind Load - Deformation	±3000 Pa (DL, IS 18648)
6	Wind Load - Safety	±4500 Pa

Advanced Gasket System:

AIS ROYAL ELITE serves homeowners and premium projects seeking commanding scale, superior performance, and uncompromising aesthetics. It is a system built not merely to function, but to quietly define luxury through restraint, reliability, and refined design.



Product Features:



High-Quality Material

0.3 mm slip coating ensures a smooth, low-friction surface for enhanced durability.



Smooth Performance

Low friction ensures easy operation without the need for lubricants.



Superior Wear Resistance

Resistant to UV, ozone, weather, and wear for long-lasting durability.



Hygienic & Easy to Clean

Anti-mold, anti-fungal, and resistant to stains; easy to clean with mild solutions.



Reliable Temperature Performance

Delivers reliable performance across a wide temperature range of -30°C to +120°C.



Better Insulation

Improves insulation and ensures effective air sealing.

Hardware:



Roller:

- High quality SS Rollers engineered for smooth and silent sliding.
- Handles heavy shutters with ease.
- Ensures long-lasting performance and stability.



Locking Cylinder:

- Provides reliable key-operated security.
- Integrates with multi-point locking systems.
- Smooth operation even with frequent use.



Sliding Locking Pins (One-way & Two-way):

- Secures shutters in open or closed positions.
- Easy engagement with smooth sliding action.
- Adds an extra layer of safety and control.



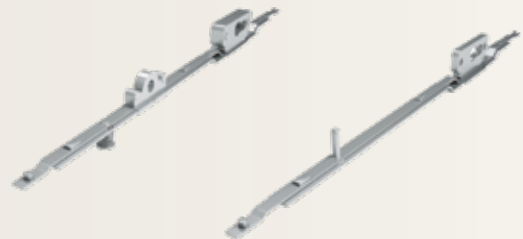
Corner Cleats:

- Strengthens frame joints for better durability.
- Maintains alignment of large sliding shutters.
- Improves long-term structural stability.



Multi Point Locking Transmission Rods:

- Enhances security with multi-point locking.
- Improves sealing with uniform sash compression.
- Ensures smooth and reliable operation.



Counter Plate:

- Ensures strong and secure window locking.
- Durable construction for long-lasting performance.
- Precision-designed for smooth alignment and operation.



Handles:

Premium Door Handles

- Designed for smooth opening and closing of large shutters.
- Available in multiple styles to suit modern and luxury interiors.
- Enhances the overall look with a sleek, refined finish.
- Comfortable grip for effortless daily use.
- Built to complement slim, premium sliding systems.



Advanced In-Built Drainage System:

A drainage system that efficiently channels water, prevents leakage, and ensures durability in all weather conditions.

Key Benefits:



In-built drainage channels



Sleek, concealed design



Leak protection

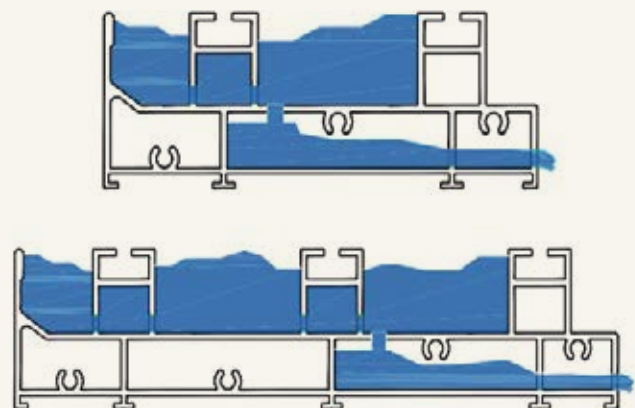
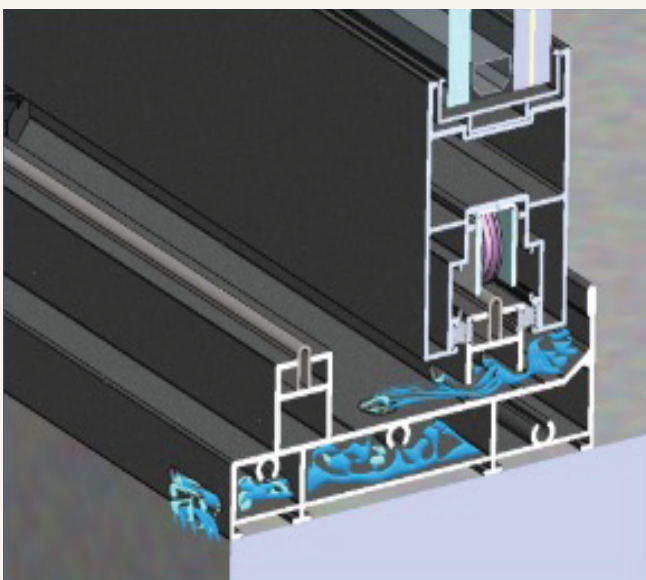


Weather resistant



Low maintenance

Seamless design. Reliable performance.



Accessories:

Anti Lift Device:



- Prevents forced lifting of shutters.
- Enhances overall door security.
- Adds peace of mind for homeowners.

Gaskets & Seal:



- Helps block dust, wind, and water.
- Improves insulation and indoor comfort.
- Ensures tighter sealing between panels.

Interlock Cap:



- Provides a neat, finished appearance.
- Protects interlocking profiles from dust and wear.
- Enhances durability and visual appeal.

Drainage Cap:



- Prevents water build-up in tracks.
- Blocks debris and insects from entering.
- Keeps the system clean and efficient.

Mesh Rollers & Nibs:



- Enables smooth movement of mesh shutters.
- Designed for easy handling and durability.
- Supports long-term performance of mesh systems.

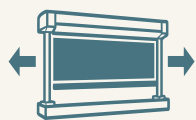
Zipline with AIS Royal Elite

Keep The View. Keep The Comfort.

Designed for spaces that demand the best, Zipline with AIS Royal Elite shields your home from insects, dust and wind while preserving the view, light and ventilation you love.



Key Benefits:



Large opening protection for more than 3m



Motorized operation



Wind-resistant ZIP system



Insect & dust protection



Clean architectural design

Designed For The Way You Live.

Whether it's a balcony, terrace, villa, or outdoor lounge, Zip Line helps make open spaces more comfortable and usable throughout the year.

Recommended For:



Large sliding doors



Balconies



Villas & premium
homes



Applications and Benefits:

Homes, apartments, luxury villas



Expansive views with ultra-smooth sliding and refined, high-end aesthetics.

Villas, bungalows, farmhouses



Seamless indoor-outdoor flow that enhances openness, light, and lifestyle comfort.

High-rise residences, penthouses



Engineered for wind stability, safety, and dependable performance at height.

Premium apartments, private residences



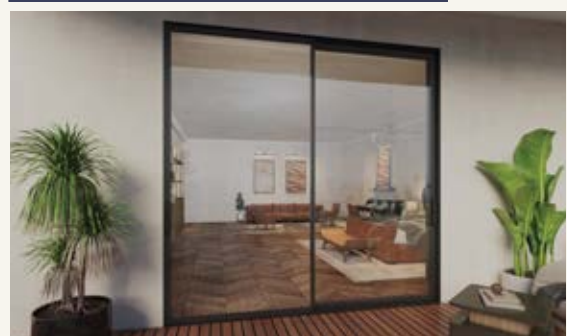
Quiet glide, superior sealing, and enhanced comfort with added privacy.

Living-dining separators, premium interiors



Flexible spaces with a sleek, contemporary, premium finish.

Villas, weekend homes



Strong weather resistance with secure, reliable operation in exposed areas.

Available in 12 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.

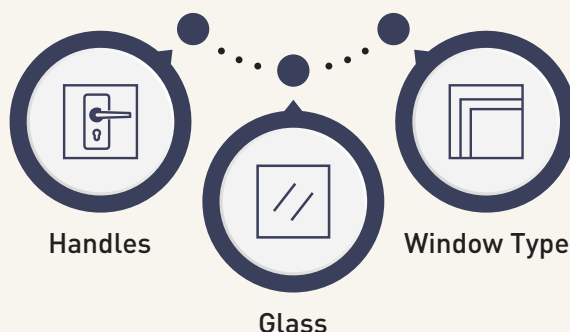
This full-frame strength ensures **reliable performance even in large openings and high-rise applications**, where pressure from wind and movement is more intense.

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 ROYAL ELITE 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

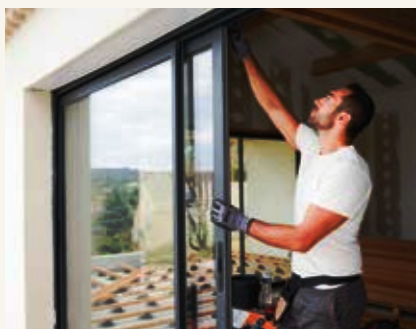


Minimal Maintenance



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:



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%.

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.

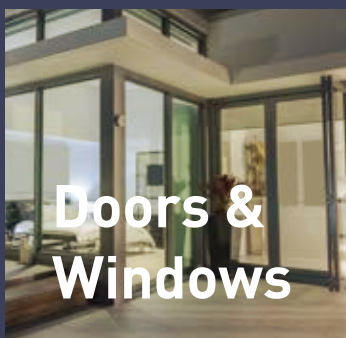


Trusted Warranty for Long-Term Protection:



Hardware

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



Doors & Windows

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

Discover Windows and Doors with Our 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







Windows

uPVC & Aluminium

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locate your dealer.



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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