



Windows
uPVC & Aluminium

AIS GLYDE

India's first and only
state-of-the-art
lift & slide door system
from AIS supported by

NSAVIO Italy



SLEEK. SMOOTH. SPECTACULAR.

AIS Glyde is the only zero threshold, lift and slide Aluminum door system available and made in India with technical expertise from Savio, Italy. It features advanced technology that enables frames as high as 4m*, weighing up to 400 kgs, with upto 20% wider vistas.

*Available only in select combinations. Frame height is round up of 3.95m.



FEATURES



Minimalist Aesthetics with 20% wider vistas



Zero Thresholds, zero architectural barriers, and zero work-on-floor



Air Tight Solution-best-in-class air permeability of class 4*



Greater Security with completely hidden multi point locking (on frame) system



Stop Anywhere Solution with perfectly smooth and easy operation



Hidden Sash for panoramic views

*European standards EN 12207:2016

SEAMLESS. SUPERB.

AIS Glyde is the result of a collaboration between two industry leaders. Designed from the inside out, its innovative technology enables the frames to be almost invisible, especially when paired with a wide range of glass solutions by AIS. This is what enables superb, seamless installations.



COMBINING TECHNOLOGIES. CRAFTING A MASTERPIECE.

The technology empowering AIS Glyde has been designed to not just be invisible, but also invincible. The rollers and moving parts on the top bear the weight of the windows when moved. This ensures excellent performance and long life.



Technology is concealed in the upper moulding



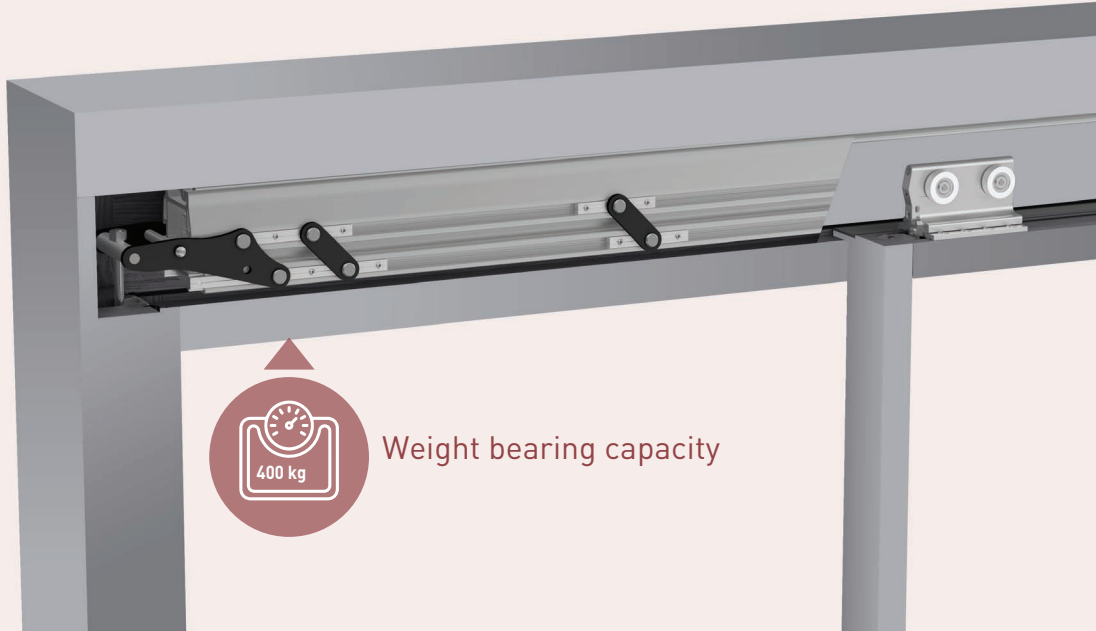
Mechanism can support higher sash loads



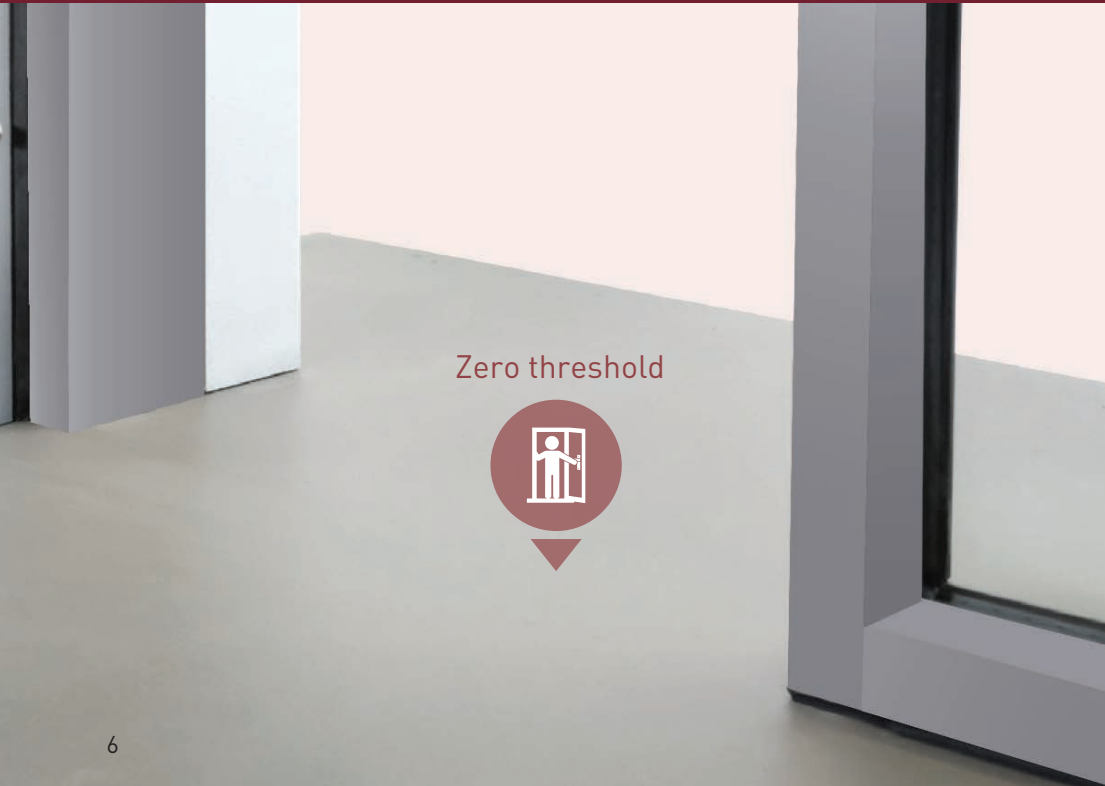
Design reduces ovalisation of rollers and stress on the system



Available in aluminum with a wide range of colour options



Weight bearing capacity

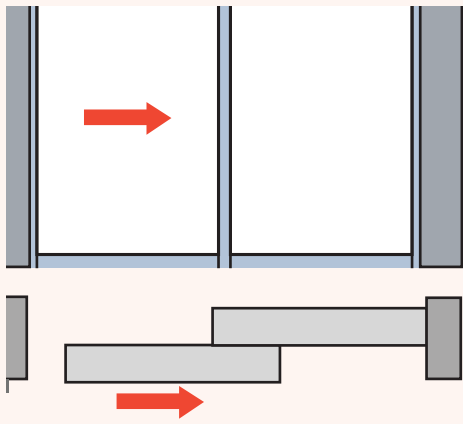


Zero threshold

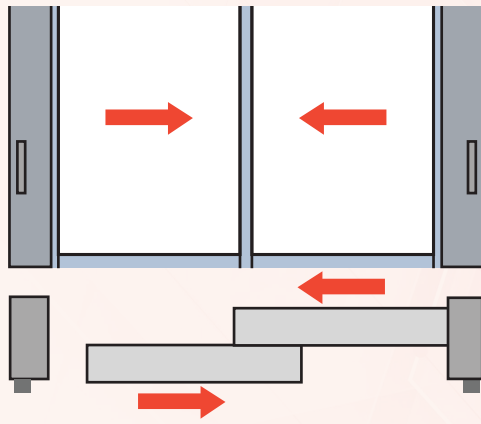


Stop anywhere you want

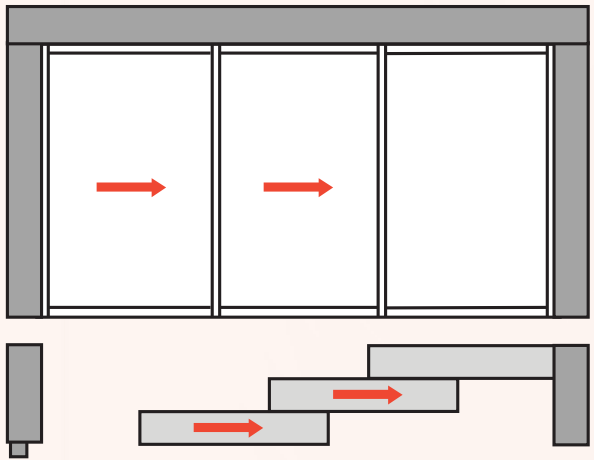
YOUR WINDOW, YOUR CHOICE



Left or right?
It's your choice.



Left and right?
Great choice.

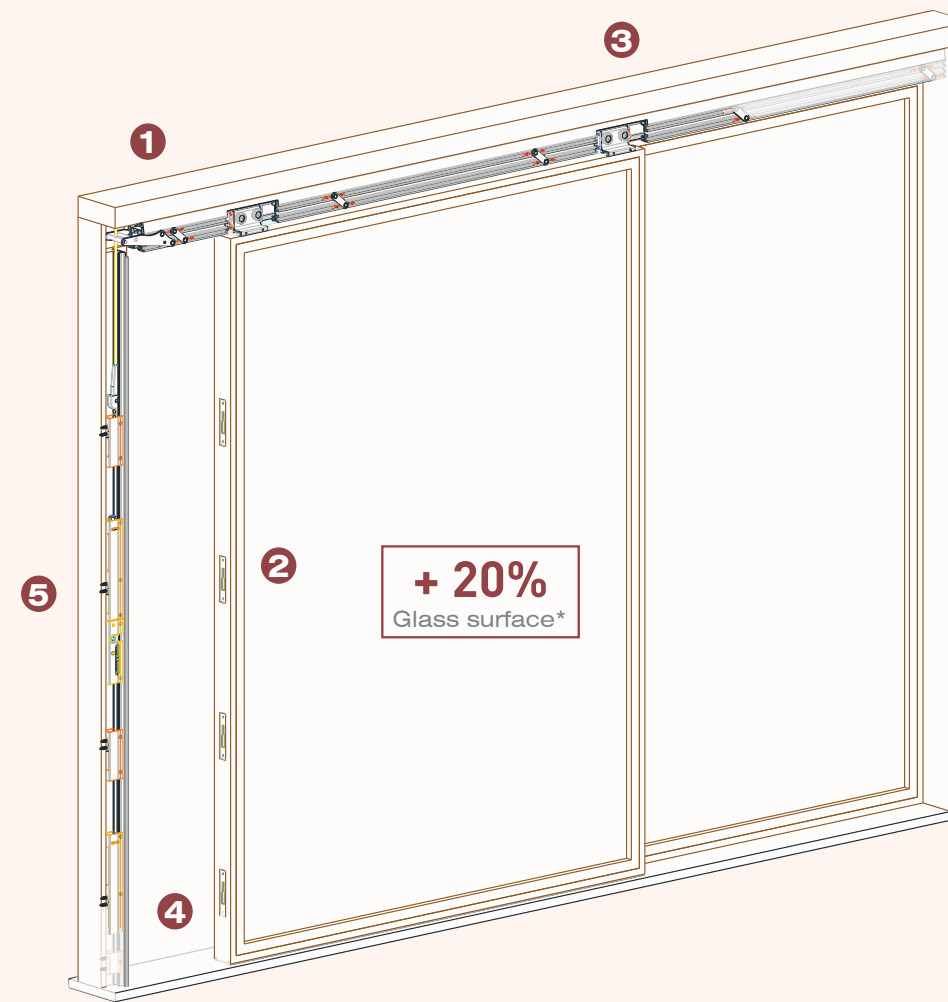


Two on the left or
two on the right.
Twice the choice.

Freedom to choose the movement of glass panes



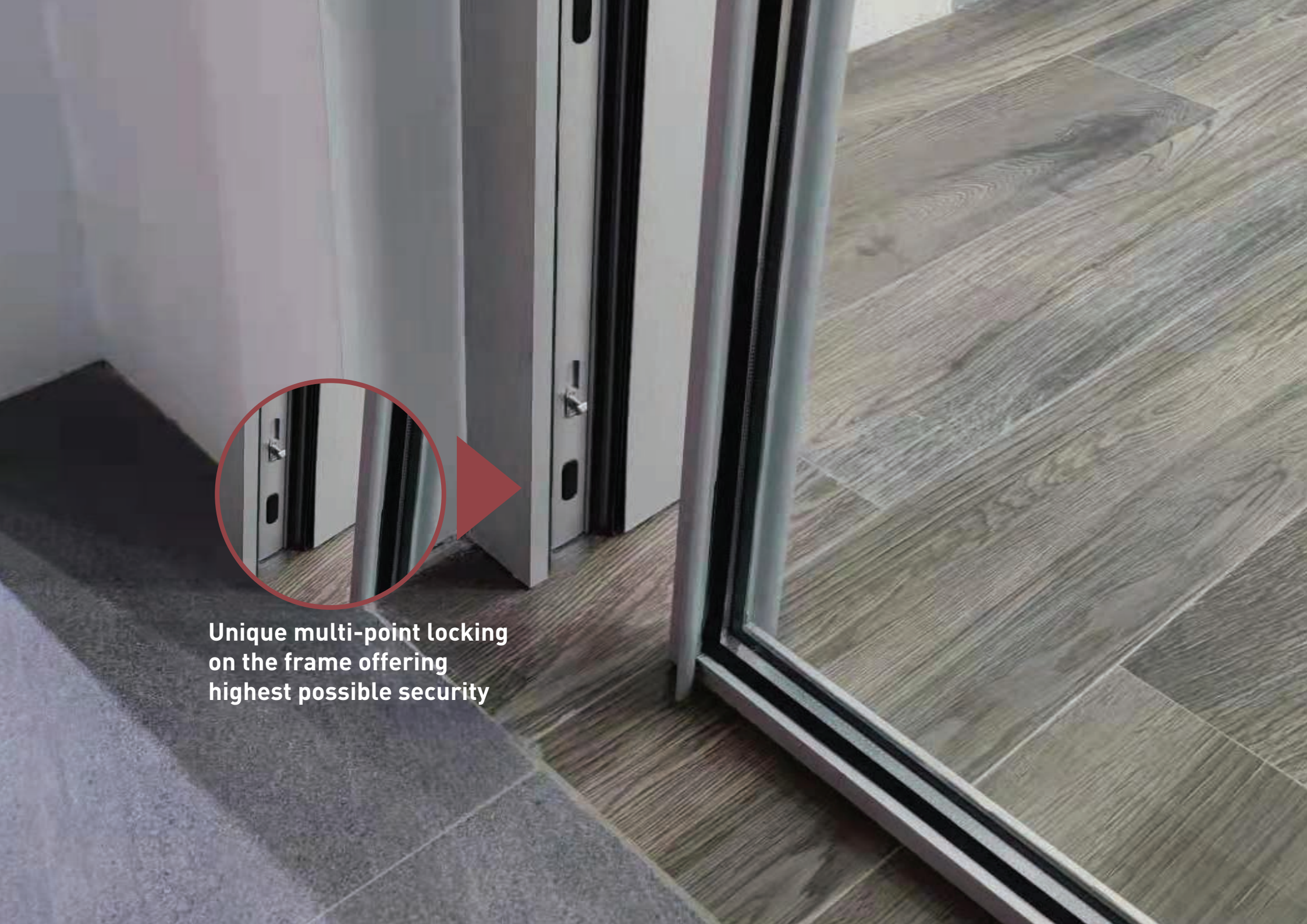
YOUR WINDOW, HI-TECH



AIS Glyde incorporates not just one technology, but several unique systems to enable flexibility, wider spans, heavier panes, and smaller individual components – that together enable wider vistas and more reliable operation.

- ❶ Upper track can be concealed in ceiling or in between floors.
- ❷ Fluid and easy sliding even after months of inactivity.
- ❸ Wheels support the weight only when opening/moving, minimizing ovalization at this point.
- ❹ Zero-threshold since the thresholds are downwards.
- ❺ All mechanisms are inside the frame, maximizing window size.

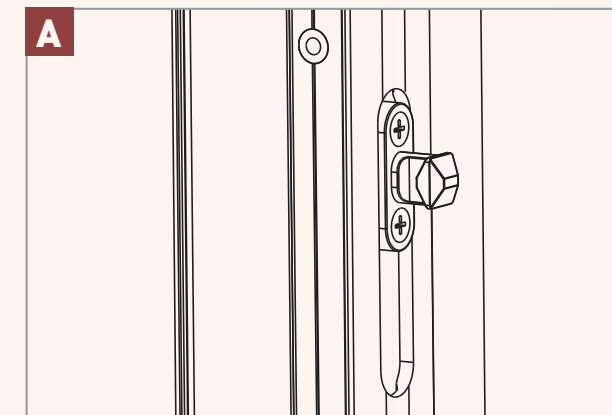
* Calculated with standard dimensions (L = 3.000 mm H = 2.300 mm), for traditional lift and slide systems



Unique multi-point locking
on the frame offering
highest possible security

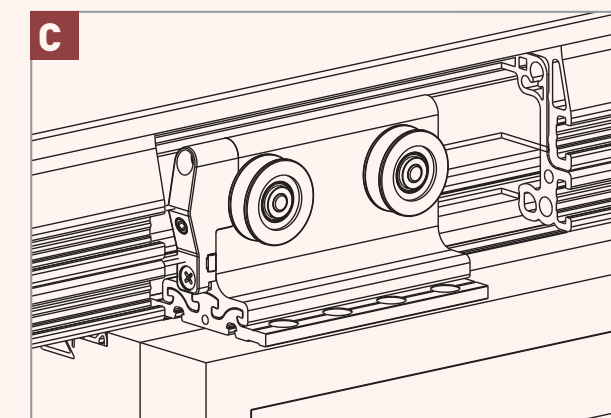
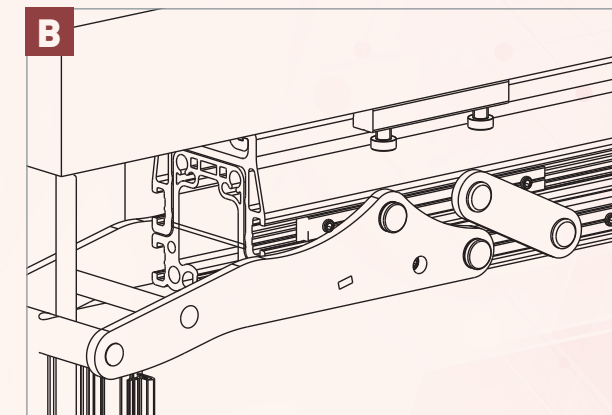
SAFETY

- Lock inserted in the frame to increase the level of security



EASY SLIDING

- Main leverage which halves the force necessary to lift the sash

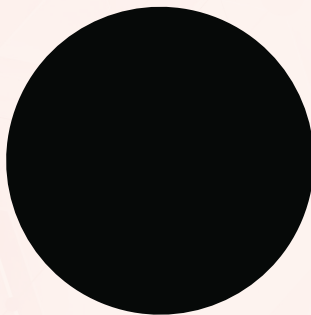


EXTRA SMOOTH SLIDING

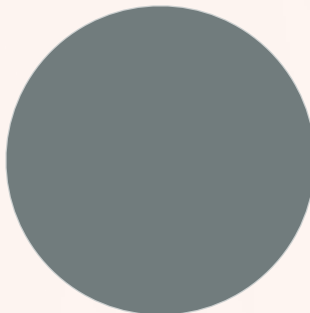
- Rollers composed of 4 wheels, to reduce sliding effort and both adjustables (± 1.5 mm), to simplify the installation

YOUR WINDOW, YOUR COLOUR

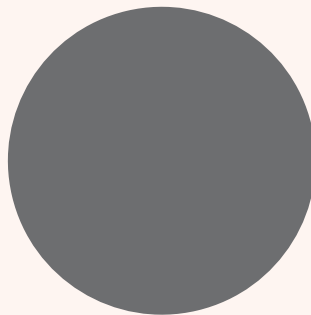
Choose from a wide range of options.



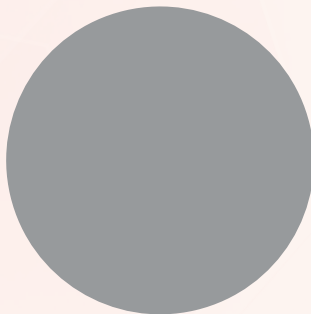
Graphite Black



Noir Grey



Grey



Silver Grey



Chrome White

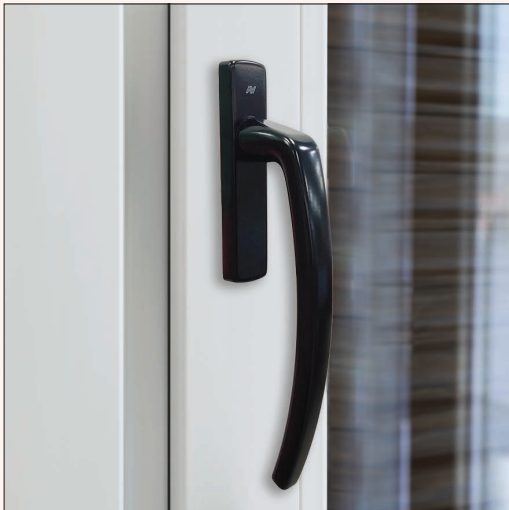


Walnut

*Colours are representative. Please check actual sample while finalising.

UNIQUE FENESTRATION. UNIQUE HANDLES.

Choose from superb options in handles.



Premium European Design



Gorgeous in Gold



Elegance in Pearl Silver



Sophistication in Black



SOLUTIONS IN GLASS FROM AIS

Acoustic Performance – High noise cancellation



Recommended Type
Laminated Glass /DGU

AIS Acousticglas™

- Key Feature**
- Provides excellent noise-reduction, dampens external sounds and keeps the interiors calm and quiet
 - Reduces 90% of external noise

Security

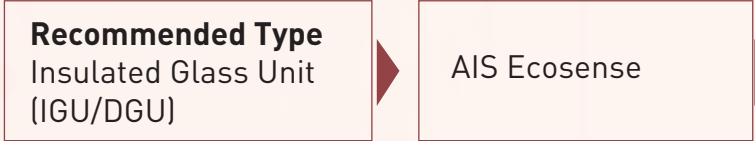


Recommended Type
Special PVB
Laminated Glass

AIS Securityglas™

- Key Feature**
- Provides a high level of Intrusion-Resistance and protection from burglar attacks. PVB interlayer provides a layer of protection

Energy efficiency



Key Feature

- Increases energy efficiency in combination with AIS Ecosense range of High performance glass
- Provides lower UV transmission
- Increases wind load strength,
- Improves security & acoustics

Performance parameter for AIS Energy Efficient Glass solution

| Glas Unit | Product | | Glass Configuration | Infill Thickness (mm) | VLT | ER | IR | SF | SC | U-Value |
|-----------|---------|-------------------|--|-----------------------|-----|----|----|----|------|----------|
| | | | | | % | % | % | % | | (W/m2.K) |
| DGU | Enhance | Spring | 6 mm CTG + 16 mm Air Gap + 6 mm CTG | 28 | 59 | 24 | 26 | 60 | 0.7 | 2.8 |
| | | Nectar | | | 32 | 23 | 21 | 35 | 0.39 | 2.7 |
| | | Oceanic Blue Plus | 6 mm CTG + 20 mm Air Gap + 6 mm CTG | 32 | 21 | 21 | 29 | 25 | 0.3 | 2.5 |
| | Edge | Natura Plus | | | 40 | 22 | 12 | 33 | 0.38 | 2.4 |
| | Enhance | Spring | 8 mm CTG + 16 mm Air Gap + 8 mm CTG | 32 | 58 | 24 | 26 | 59 | 0.68 | 2.7 |
| | | Nectar | | | 31 | 23 | 21 | 34 | 0.39 | 2.6 |
| | | Oceanic Blue Plus | 8 mm CTG + 20 mm Air Gap + 8 mm CTG | 36 | 20 | 21 | 29 | 24 | 0.28 | 2.4 |
| | Edge | Natura Plus | | | 39 | 22 | 12 | 32 | 0.37 | 2.3 |
| | Enhance | Spring | 10 mm CTG + 20 mm Air Gap + 8 mm CTG | 38 | 57 | 24 | 26 | 58 | 0.67 | 2.6 |
| | | Nectar | | | 30 | 23 | 21 | 33 | 0.38 | 2.5 |
| | | Oceanic Blue Plus | | | 19 | 21 | 29 | 23 | 0.26 | 2.3 |
| | Edge | Natura Plus | | | 38 | 22 | 12 | 31 | 0.36 | 2.2 |
| DGU + Lam | Enhance | Spring | 5 mm CTG + 1.52 mm PVB + 5 mm CTG + 20 mm Air Gap + 5 mm CTG | 36.52 | 57 | 25 | 27 | 57 | 0.66 | 2.7 |
| | | Nectar | | | 30 | 23 | 22 | 32 | 0.37 | 2.6 |
| | | Oceanic Blue Plus | | | 19 | 20 | 31 | 24 | 0.28 | 2.3 |
| | Edge | Natura Plus | | | 38 | 22 | 14 | 30 | 0.34 | 2.3 |

The suggested products are to provide greater light transmissions as well as provide thermal comfort to inhabitants. However, customer can choose to use other combinations of glass as per their need. AIS Glyde offers a variety of combinations to choose in DGU, Lam. & DGU + Lam.

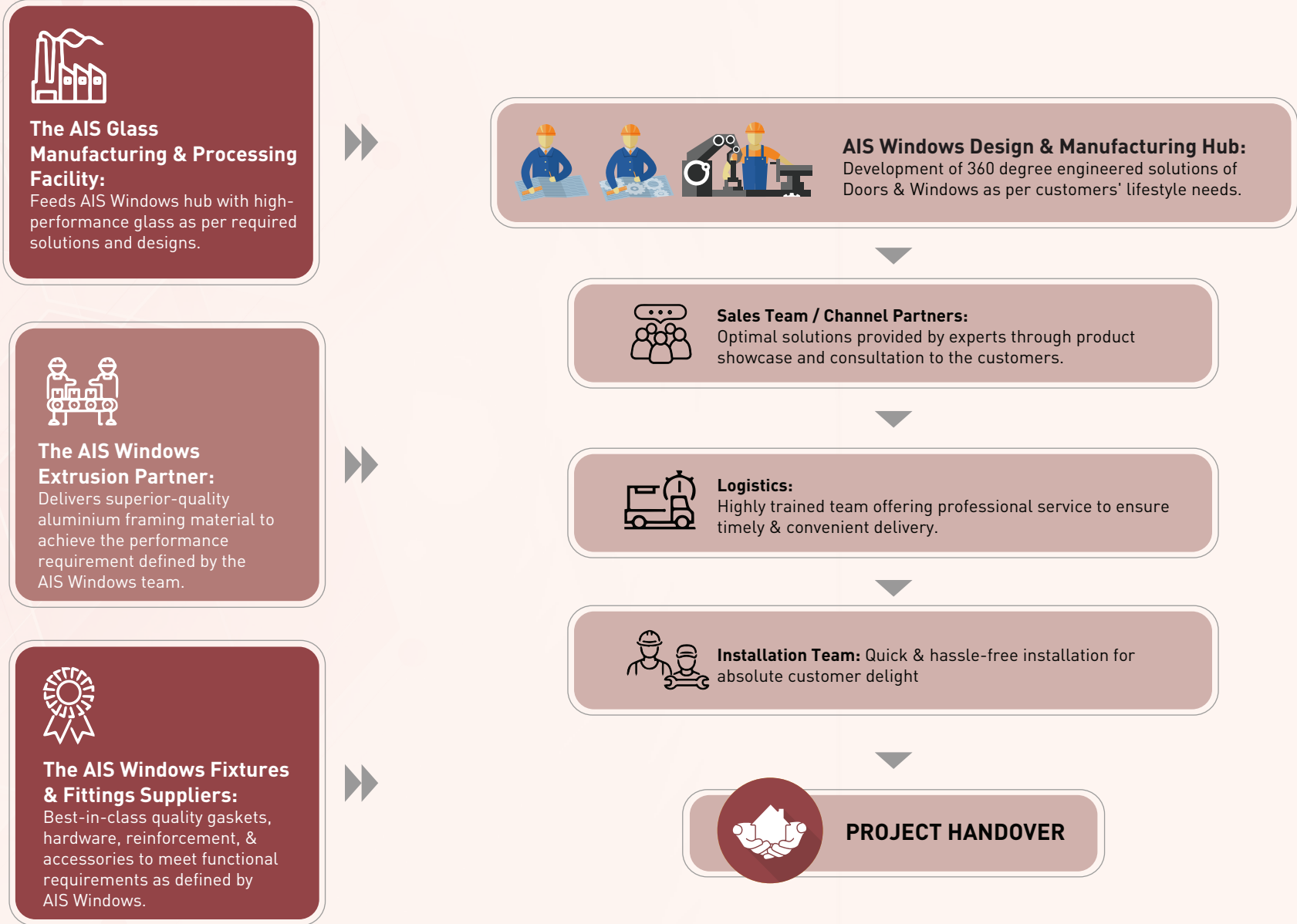


TECHNICAL SPECIFICATIONS

| Product Specification | |
|----------------------------------|---------------------------------|
| Air permeability | Class 4 (EN 12207 : 2016) |
| Water tightness | Class E 1050 |
| Resistance to wind load | Class C2 |
| Maximum Panel Weight Capacity | 400 kg |
| Glass Thickness Capacity | 17.52 - 38 mm |
| Maximum Panel Width & Height | 1900 x 3950 mm (W x H) |
| Construction Depth-Frame | 220 mm (2T) 318mm (3T) |
| Construction Depth-Panel | 70 mm |
| Visible Sightline Ranges | 102 mm(jamb) to 140 mm(top) |
| Interlock | 25mm |
| Material | Al 6063 (T6) |
| Minimum Powder Coating Thickness | 50-60 micron |
| Minimum Profile Wall thickness | 1.6 mm |
| Concealed Sash | Yes |
| Anti-lift System | Yes |
| Minimal Slider | Yes |
| Static Bar/Hurricane Bar | Yes |
| Hardware Type | Proprietary Patented Technology |
| Branded Hardware Compatibility | Yes |
| Multipoint | Yes |
| Hardware Finish Options | Black, Silver & Golden |
| Accessories | Black |

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

THE AIS WINDOWS VALUE CHAIN ADVANTAGE



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

ISI 2553 Part 1

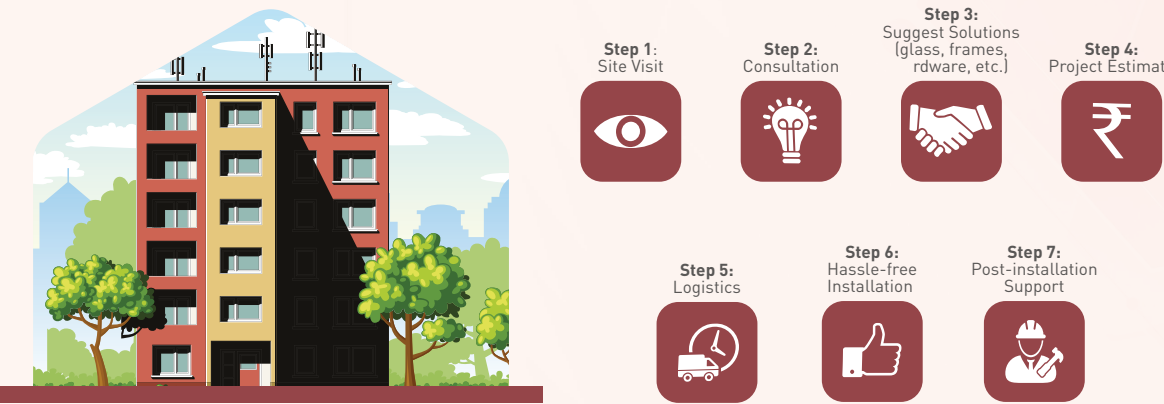
ISI 2553 Part 2 (Tempering)

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

INSTALLATION & SERVICES

Excellent service, delivered


- Our comprehensive product range is complemented by an expert service proposition.
- We provide post-installation support with trained professionals present every step of the way.
- Our services include site survey to design consultation, and customisation to installation.







Windows
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download the **AIS** apps now!

AIS Windows & Doors visualizer helps
you visualize the placement of our
doors and windows in your space.



FEBRUARY, 2022

Consult our Experts : 1800 103 4805