

# AIS Windows Complete Door and Window Solutions

Presenting new extensions to our uPVC  
range — AIS Windows Magnifica



Look  
inside  
to know  
more!



**Windows**  
uPVC & Aluminium



# AIS Windows

AIS Windows is a division of AIS, one of India's leading manufacturers of glass products and solutions. AIS Windows offers a comprehensive range of high-performance window and door solutions. Available in a range of customisable options, AIS Windows is designed primarily for use in homes, offices, and apartments. Besides being aesthetically presentable, it is what's inside the window frame — what it's made from, how it's made — that leads to AIS Windows' long-lasting beauty and functionality.

## uPVC Rules

uPVC windows dominate the global window industry. In the US alone, over 50% of all window sashes are uPVC. Their waterproof nature and ease of installation are the primary benefits. They also do not face problems of rotting, swelling, distortion, or rattling in the wind (due to shrinkage of wood). They are available in a wide range of colours and textures.

## AIS Windows Magnifica

Designed to cater to your modern needs and functional requirements, AIS Windows Magnifica is specially crafted with high-end materials and superior techniques. This is a perfect choice for the generation that loves to live a lifestyle without compromising on space, aesthetics, and solution-focused performance.

Available as:

- Lift & Slide
- Twin Sash
- Slide & Fold

## Get the uPVC Advantage with AIS Windows



### Thermal Insulation

Excellent, all-weather heat insulators with insulated frames. The double-sealed mechanism and EPDM gasket act as a shield against dust and rain, and reduce air infiltration



### Acoustic Insulation

Provides insulation against noise



### Maintenance-Free

No painting required; easy to clean and operate



### Aesthetics

Stylish, modern, and available in various designs and colours — uPVC allows greater design flexibility



### Durability

No pitting, peeling, rotting, drying out, or corroding, and absolute resistance to termites



### Structural Stability

Galvanised steel reinforcements



### Safety and Security Mechanism

Single or multipoint locking systems



### Drainage System

The internal water drain slots, raised track rail, and gradient slope prevent water stagnation



### Eco-Friendly

Lead-free profiles



### Energy-Efficiency

High-performance AIS glass is used in AIS Windows

AIS uPVC Door and Window Solutions

# Lift & Slide



Lift & Slide uPVC range of sliding doors from AIS Windows are designed to accommodate large openings, thus creating expansive glass walls with unusually large panels. These glass doors give your home the old-world character of traditional French doors along with the convenience and space-saving no hinged door can provide.

Advantages

- 1. Smooth sliding panels with heavy-duty hardware
- 2. Large panel size for heavy-load-bearing capacity
- 3. Better weather-sealing with double compression seal
- 4. DGU & DGU Lam compatibility in the sliding system
- 5. Easy handling of hardware with internal linkages
- 6. Provision to stop slider panel midway (providing a partial opening)
- 7. Unobstructed views of the great outdoors without compromising on security

Product Name	Lift & Slide Door
Construction Depth (mm)	142
Size Capability	Max Frame Size – 19’1” x 10’ Max Panel Size – 9’8” x 10’
Infill (mm)	5–36
Weight Capacity	Roller – 300 kg
Threshold-Less or Low Aluminium Threshold	Yes
Typologies Covered	2T2S, 2T4S, 2T3S (x-2x-x)
Fly Mesh	No



AIS uPVC Door and Window Solutions

# Twin Sash



Twin Sash uPVC casement windows from AIS Windows are strong, and will not rot, warp, or require repainting; ensuring that they retain their colour and shape through the years with a minimum amount of maintenance. They combine traditional fly mesh panels with conventional casement windows to provide a classic aesthetic. A grill provision also ensures the security of the window. Twin Sash is a great combination of good looks with high standards of security.

Advantages

- 1. Classic retro aesthetics
- 2. Fly-mesh-panel-compatible in casement windows
- 3. Better security due to grill provision
- 4. Short neck handle for better compatibility and aesthetics
- 5. Friction-stay-compatible in mesh panel for better functioning of the panel

Product Name	Twin Sash Window
Construction Depth (mm)	112
Size Capability	Side Hung – 2’4” x 4’4” Top Hung – 4’ x 4’
Infill (mm)	5-36
Weight Capacity	Friction Stay – 22 kg Butt Hinges – 40 kg
Grill Provision	Yes
Typologies Covered	Single Sash, Double Sash, Triple Sash, and with a fixed combination
Fly Mesh	Yes



AIS uPVC Door and Window Solutions

# Slide & Fold



The Slide & Fold uPVC door and window solution from AIS Windows comes with a variety of advantages and uses. Perfectly suited for both, your office and living space, this solution can be used in terraces, balconies, etc., as dividers and more — adding to the elegance of your space. Crafted with best-in-class materials to give you an experience unlike any other, the AIS Slide & Fold uPVC door and window solution not only has a myriad of functional benefits, but also does wonders to the aesthetics of your working and living spaces.

**Advantages**

- 1. Encompasses excellent space utility through 100% opening
- 2. Most suitable for covering a large span without compromising on aesthetics
- 3. Equipped with multiple locking mechanism thus enhancing security
- 4. Extreme insulator for dust and pollution

Product Name	Slide & Fold Door and Window
Construction Depth (mm)	62
Size Capability	15' x 7'5"
Opening Orientation	Both (Inside & Outside)
Roller Guide System	Both (Top & Bottom)
Infill (mm)	5-36
Weight Capacity	90 kg / Sash
Design Scheme	321, 330, 431, 532, 541, 633, 743
Fly Mesh	No





## Solutions from AIS Windows

- **An Energy-Efficient Way to Brighten Up Your Home**

AIS Windows can give you better protection from outside heat when compared to other window systems, leading to savings of up to 35%–40% in electricity bills. Engineered using energy-efficient, high-performance solar- and thermal-control glass products, our solutions reduce the need for air-conditioning in summer and artificial heating during the cold winter months. Our products also reduce the need for artificial lighting during the day.

- **For Safety Without Compromise**

AIS door and window safety solutions include superior glass products that are several times stronger and more durable than ordinary glass doors and windows. Even in case of breakage, our glass disintegrates into minute granules, and precludes the possibility of serious injury. We use AIS Stronglas™ — several times stronger than ordinary glass — in all our window solutions.

- **Calm and Acoustically Perfect Indoors**

Noise-cancelling solutions from AIS Windows let you reduce up to 42 decibels — that is up to 94% — of external noise. Combining AIS Acousticglas™ with the inherent features of fusion-welded and double-sealed mechanisms, you get excellent sound insulation. Benefits include extreme durability, superior aesthetics, improved performance, and a specialised PVB interlayer that dampens external sound.

- **Protection from Heat, Dust, and Burglars**

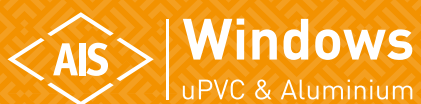
Security solutions from AIS Windows can be used to protect your home from accidental and deliberate damage in many ways, while also enabling attractive designs. Our innovations in glass allow you to live peacefully with doors and windows that can now protect your family from break-ins. Our solutions include AIS Securityglas and AIS Securityplus multipoint locking systems. Together they provide enhanced security and absolute peace of mind.

## Installation & Services



### Excellent Service Always Delivered

Doors and windows from AIS are complemented by an expert service proposition, thus making our product offerings truly comprehensive. From site survey, design consultation, customisation, and installation, to post-installation support — our trained professionals are with you every step of the way.



AIS Windows  
17F, NIT, Faridabad - 121 001, Haryana  
Toll-free: **1800 103 4805**  
E-mail: [ais-windows@aiglass.com](mailto:ais-windows@aiglass.com) | [www.aiswindows.com](http://www.aiswindows.com)

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