



Auto Glass

# AIS AUTO GLASS

Driving Happiness. Inspiring Trust.

High quality automotive glass for the best in safety, comfort, and style.



Asahi India Glass Ltd.



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## About AIS

Asahi India Glass Limited (AIS) is India's leading integrated glass solutions company. Established in 1986, AIS has transformed itself from a glass manufacturer to a complete glass solutions provider, offering a comprehensive range of products and solutions.

AIS has been a dominant player in both architectural and automotive segments. It has been the preferred choice of automotive OEMs for over 30 years. From passenger cars to heavy commercial vehicles to railways, AIS Auto Glass is seen in India's best vehicles, commanding a market share of over 70%.

Since its inception, AIS has established a long and successful presence in the Indian market with regard to manufacturing scale and engineering capabilities, and most importantly, has gained the trust of customers for whom AIS is a partner of choice.

### **AIS has three Strategic Business Units (SBUs):**

- Automotive Glass
- Architectural Glass
- Consumer Glass

Driving market-leading innovations to provide the right blend between daylight and energy-saving, visual comfort and thermal comfort, technology and sensitivity, AIS has enabled an age of green buildings and the dawn of a truly sustainable future. Standing tall, AIS is listed on the National Stock Exchange and Bombay Stock Exchange with around 60,000 shareholders.





## Our Vision – SEE MORE

- Describes AIS's products and services by helping them see more in comfort, safety, and security.
- Expresses AIS's corporate culture of merit and transparency.
- Defines the quality of AIS's people to want to see, learn, and do more, in depth

## Our Mission – 'JIKKO'

- Execution for Excellence



## AIS Auto Glass: A part of every journey!

With over 70% share in the car and glass segment in India, AIS Auto Glass is the preferred choice of manufacturers of passenger and commercial vehicles (trucks and buses), railways, metros, tractors, and off-highway vehicles.

Its wide range of offerings includes laminated windshields, tempered glass for sidelites and backlites, and value-added products like solar control, acoustic, defogger glasses, and heated & rain-sensor windshields.



### Our Presence

AIS Auto Glass has expanded from a single-location manufacturing company into one with multiple production and assembling facilities across India. The growing demand for quality products, seamless service, and effective delivery, has made it a necessity to be close to customers' manufacturing facilities.

Today, we have four state-of-the-art production facilities:

- **Bawal (Haryana)**
- **Roorkee (Uttarakhand)**
- **Chennai (Tamil Nadu)**
- **Taloja (Maharashtra)**
- **Dhanodharda (Gujarat), upcoming**

These strategically located plants help AIS Auto Glass cater to the needs of customers all over India and across Europe, the Middle East, SAARC countries, and the South East Asian countries.



## Products

### Laminated Windshields (Lamisafe-LT®)

- Used for front windscreen, where injury is more likely during accidents
- Plastic interlayer (PVB) prevents shattering of glass
- Highly effective in noise reduction
- Blocks harmful UV rays



### Tempered Glass for Sidelites and Backlites (Temperlite-LT®)

- Used for side window and rear windshield
- Four times stronger than annealed glass
- Tolerates temperature differences (200° F–300° F) that crack annealed glass
- Breaks into blunt round pieces, ensuring enhanced safety



### Infrared (IR) Cut for Windshields and Solar Control Glass for Side and Back Windows

- Prevents car from heating up, even if parked under the sun
- Improves air-conditioner's performance due to less heat transfer from outside
- Ensures longer life of upholstery due to reduced heat
- Protects the steering wheel and cabin interior from IR rays
- Keeps the cabin ten degrees cooler than the standard windshields



### Acoustic Windshields

- Dramatically reduces noise and vibrations inside the car cabin
- Reduces driver fatigue and offers better comfort for the driver and the passengers
- Lower noise level results in enhanced experience to enjoy music, conversations, and phone calls

### Dark Green UV Cut Glass

- It is a high-tech alternative solution to film
- Enhances fuel efficiency / reduces CO<sub>2</sub> emission by reducing air-conditioning load relief, thereby reducing load on compressor
- Certified glass product by Skin Cancer Foundation

### UV Cut Glass for Sidelites

- Prevents harmful UV radiation from entering the car cabin
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### Water-Repellent Glass for Sidelites

- Better clarity of side mirrors even during heavy rains ensures safe driving
- Comfortable driving experience due to clear vision of side glass



### Extruded Windscreen or Mouldings

Moulded rim of PU/TPE along glass edge allows OEMs to fix windows to automobile bodies in one convenient step.

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### Glass Antenna for Backlites

- Have printed conductive patterns with electric devices that send and receive signals
  - Patterns are adjusted to correct length and shape to match signal resonance with receiver
  - Aesthetically better than metal antenna
  - Maintenance-free, durable, and lightweight
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### Heated Windshield

- Prevents wiper blades from getting stuck due to snow / ice buildup in the wiper resting area
  - Quickly defogs and melts the snow
  - Provides better clarity for the driver
- 

### Encapsulated Glass (with SUS corners)

Flexible PVC moulding or Polyurethane-RIM (Reaction Injection Moulding) around glass perimeter.

- Gives an aesthetically integrated trim to glass
- Reduces tooling cost through use of composite tooling and cost through supplier integration
- Reduces components handled at customer end
- Brings down overall programme timing

### Head Up display

- Provides better display clarity than standard PVB
  - Allows the driver to stay focused on the road at the same time check their dashboard information (speed, fuel, navigation, etc.)
  - Improves driver comfort and enhances safety
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### Plug-in Window

- Two glass panes assembled and fitted as exposed flush glass
- One fixed glass pane is glued to the vehicle body, the other moves on the first on upper and lower rails
- When the second glass moves above the upper glass, a window is created

### Sliding Window for Buses and Trucks, IGU for Metros, Flat Bullet-Resistant Glass Level 3 or BR6

## Manufacturing Capabilities

Our manufacturing units include state-of-the-art machinery that deliver a whole range of high quality automotive glass products that meet international standards. These plants are located at:

- Bawal, Haryana (North)
- Roorkee, Uttarakhand (North)
- Chennai, Tamil Nadu (South)
- Taloja, Maharashtra (West)
- Dhanodharda (Gujarat), upcoming



World-class Manufacturing Units of AIS



Laminated Bending Furnance



Tempering Furnace



Process Integration



## Manufacturing Capabilities



CNC lines



Tempering Furnace for Sidelites



Encapsulation for Quarter Window



Bending Furnace for Car Glass



## Certified Excellence – Acknowledgment of quality and reliability

Today, we can rightly boast of a 'body of knowledge' and state-of-the-art technology that helps us deliver cutting-edge auto glass solutions and value-addition to our customers, most of whom are global players. Products of AIS have the capability of meeting stringent quality norms of both global and domestic OEMs and the international marking standards.

AIS Auto Glass has the unique distinction of being the only glass company in the country to be awarded the prestigious Deming Application Prize in 2007. It certified the company's outstanding performance improvements through the application of Total Quality Management (TQM).



***Deming Award***

### **Awards**

Deming Application Award

TPM Excellence Award from JIPM awarded to AIS Auto Glass



Quality Management System for  
Manufacture of Automotive Safety Glass



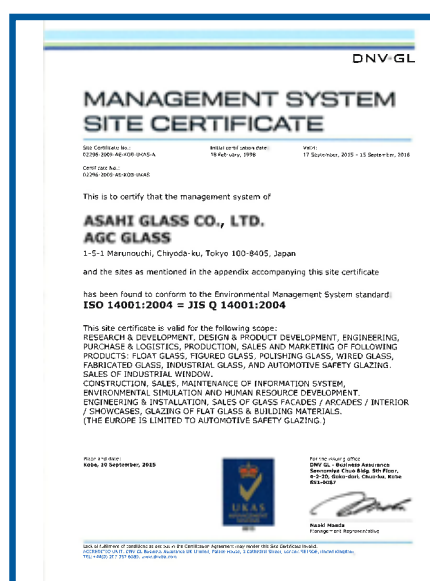
Award for TPM Excellence – Category A



Fabrication and Supply of Automotive and  
Architectural Safety Glass



Quality Management System for  
Manufacture of Automotive Safety Glass



Environmental Management System for  
Manufacture of Automotive & Architectural  
Safety Glass

## OEMs that trust AIS

### Passenger Vehicle



### LCV / MHCV Goods Carrier (Truck)



### LCV / MHCV / Passenger Carrier (Bus)



### Off-Highway



### Metro Coach



### Aftermarket Replacement

India / Europe / USA / SAARC countries / South East Asia / Middle East



# Asahi India Glass Limited (AIS)

## Enabling a future that sees more.

As one of India's leading integrated glass companies and a leader in the car glass segment with over 70% market share, AIS has pioneered market-leading innovations throughout its history. Today, AIS delivers its top-of-the-line products and solutions through the three Strategic Business Units (SBUs) of Automotive Glass, Architectural Glass and Consumer Glass.

With possibly the country's largest offering in glass – across products, services, and solutions – AIS adds a new dimension to modern architecture and contemporary living spaces. With products that provide the right blend of daylight and energy-saving, visual comfort and thermal control, technology and eco-sensitivity, AIS is set to bring new ideas to life – enabling an age of green buildings and the dawn of a truly sustainable future.



AIS Clear & Tinted



AIS Processed Glass



AIS Opal



AIS SunShield



AIS Ecosense



AIS Décor



AIS SunShield Royal Gold



AIS Windows



Asahi India Glass Ltd.

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**Get in touch with us to see more of safety, comfort, and style.**

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