



Asahi India Glass Ltd.



ENABLING WONDERS.
INSPIRING AWE.

AIS is India's leading automotive and building glass company with a wide range of international quality glass to suit various applications across multiple industries. Certified as an ISO 9001 and ISO 14001 company, AIS continues to innovate and add to its portfolio of comprehensive glass solutions which include Clear & Tinted, Heat Reflective, Frosted and Dècor, Mirrors, High Performance, Processed – all of them designed to change the way you see and use glass.

AIS Products

AIS Clear

Experience perfect clarity of vision and give your exterior façades a clean, modern look.

Benefits

-  Distortion-free
-  Clarity of vision
-  Sparkling surface

Usage

- Shopfronts • Partitions • Doors • Shelves
- Furniture • Windows






Thickness (mm): 2, 3, 4, 5, 6, 8, 10, 12

AIS Krystal

AIS Krystal is a frosted glass, which admits light and at the same time obscures the view. It offers quality excellence owing to its superior glass manufacturing techniques.

Benefits

-  Translucence ensures privacy
-  Aesthetically pleasing matte finish
-  Comes in four shades – Clear, Green, Blue and Bronze

Usage

- Translucent partitions • Writing boards • Doors for cabinets
- Bathroom windows • Various interior decorative applications

Available in five exciting patterns:






Patterns Available:
Bubble Mist, Petal Delight, Nova Craft,
Cross Hatch, Box Stripe, Vertical Stripes, Full Frosted

AIS Tinted

This heat-absorbing glass allows the room to remain cool by blocking the sun's heat without compromising on its aesthetics.

Benefits

-  Absorbs 30% to 45% of solar heat
-  Enhances the aesthetic appearance of buildings
-  Protects against glare

Usage

- Partitions • Doors • Shelves • Furniture • Windows



Colours Available:
Dark Grey, Green, Bronze, Dark Blue, Royal Blue,
Cool Green, Aqua Blue

Thickness (mm): 2, 2.5, 3, 4, 5, 6, 8, 10, 12

AIS Opal

This glass solution not only provides value for money, but also offers protection from the sun's heat with its solar control properties.

Benefits

-  Durable coating
-  Solar control glass
-  Superior UV protection due to superior coating
-  Helps reduce electricity bills
-  Anti-fade
-  Crafted by CVD Technology

Usage

- Exterior façades • Windows



Colours Available:
White Gold, Royal Blue, Cool Green, Golden Bronze,
Pearl Grey, Aqua Blue

Thickness (mm): 5, 5+12+5



AIS Trendz

The only company in India to offer patterned heat-reflective glass, the AIS Trendz range of offerings is engineered to deliver superior solar control and high performance for your building's exteriors. Available in two product categories, AIS Opal Trendz and AIS SunShield Trendz, experience style, class and comfort in a wide number of shades and patterns.

Benefits

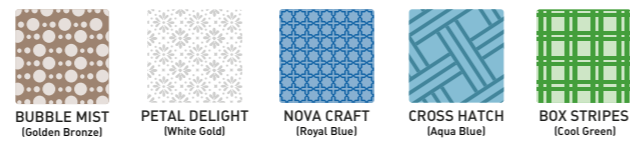
- Available in vibrant colours and geometric patterns
- Coloured, patterned heat-reflective glass
- Durable coating
- Solar control glass
- Superior UV protection due to superior coating
- Helps reduce electricity bills
- Anti-fade
- Creates a delightful play of light and colour

Usage

- Exterior façades • Windows



Available in five exciting patterns:



Colours available (SunShield):

Only Available in Royal Gold

Colours Available (Opal):

White Gold, Royal Blue, Aqua Blue, Cool Green, Golden Bronze, Pearl Grey

Patterns Available:

Bubble Mist, Petal Delight, Nova Craft, Cross Hatch, Box Stripes

Thickness (mm):

Opal Trendz – 3.5, 4, 5
SunShield Trendz – 3.5, 4, 5

AIS SunShield

Made with superior solar control technology, AIS SunShield is a high-performance product that combines durability with advanced heat-reflective technology. Ideal for a wide range of architectural and aesthetic applications, this energy-efficient solution offers a host of unmatched benefits that will help you do more with glass.

Benefits

- High-Performance Glass - Architects' Choice
- Solar control – choose comfortable interiors by minimising solar heat gain
- UV protection due to superior coating
- Superior cooling – experience the ultimate in all-weather cooling comfort
- Helps reduce electricity bills

Usage

- Exterior façades



Colours Available:

Leaf Green, Oceanic Blue, Radiant Amber, Icy Clear, Royal Gold

Thickness (mm): Single Glazing 5, 6 mm,
DGU 5 mm Coated Glass + 12 mm Air Gap + 5 mm Clear
DGU 6 mm Coated Glass + 12 mm Air Gap + 6 mm Clear

AIS Mirror

With AIS Mirrors, discover new-generation, environment-friendly, copper coating-free mirrors that are available in clear, bronze, and grey tinted shades. What's more, experience high optical clarity with the superior Glaverbel Belgium Technology.

Benefits

- Glaverbel Belgium Technology
- Silver coated, enabling reflection clarity
- Corrosion Resistant
- Distortion-free
- Durable
- Environment-friendly
- Works even in a hot and humid environment

Usage

- Bedrooms & Bathrooms • Shops and Showrooms
- Hotel lobbies • Furniture • Clinics and Hospitals



Colours Available:
Bronze, Grey, Clear

Thickness (mm):
Bronze – 5, 6
Grey – 3, 5

AIS Décor

An exclusive range of aesthetic, coloured, opaque glass to give your interiors an exquisite make-over.

Benefits

- Can withstand temperatures of up to 80°C
- Can be cut, drilled, ground, edge-finished
- Wide colour options
- High quality
- Uniform coating
- Humidity proof
- Durable
- Low VOC* – environment-friendly
- PU lacquer
- Gloss finish
- Opacity

*Low Volatile Organic Compound – No copper, no arsenic material, etc.

Usage

- Partitions • Doors
- Cabinet doors • Tabletops
- Kitchens and Bathrooms • Writing boards



Colours Available:
Available in 26 Shades

Thickness (mm): 4, 6






Range of Ecosense Products

The Ecosense range of high-performance glass products provide the right blend of daylight and energy saving, visual comfort and thermal control, technology and eco-sensitivity. The range of our Ecosense products include: Enhance, Exceed, Essence, and Edge.

Ecosense Enhance

Ecosense Enhance is a solar-control glazing solution that lets you stay close to nature.

Benefits

-  Improves energy efficiency and daylight parameters
-  Helps reduce electricity bills
-  Allows the optimum amount of light to pass through

Usage

- Exterior façades • Windows

Colours Available:

- Clear series: Nimbus, Spring Plus, Aura, Nectar, Dawn, Ivory, Snow, Solaris
- Blue series: Sky, Oasis, Oceanic Blue Plus
- Green series: Eco, Zest, Fern
- Gold






Thickness (mm):
Single Glazing 6 mm
DGU 6 mm Solar Control Glass + 12 mm Air Gap + 6 mm Clear Glass

AIS Ecosense Essence

A contemporary low-E glass product designed exclusively for use in IGUs*, AIS Ecosense Essence contributes to building insulation, thereby promoting energy efficiency.

Benefits

-  Enhances thermal insulation
-  Improves visible light transmission
-  Suitable for colder climates

Usage

- Exterior façades • Windows

Colours Available:

- Neutral Series: Clear Essence Plus




Thickness (mm):
Single Glazing 6 mm
DGU 6 mm Solar Control Glass + 12 mm Air Gap + 6 mm Clear Glass

AIS Ecosense Exceed

Offering an optimal blend of solar control and low emissivity features, the AIS Ecosense Exceed series combines energy efficiency with aesthetic appeal, meeting diverse glazing needs while being suitable only for use in IGUs*.

Benefits

-  Spectrally selective glass
-  Excellent for high WWR* spaces



Ideal for green building concepts

*(IGU: Insulated Glass Unit; WWR: Window-to-Wall Ratio)

Usage

- Exterior façades • Windows





Colours Available:

- Neutral Series: Clear Lite Plus, Clear Radiance, Clear Vision Pro, Clear Vision Plus, Clear Brook Plus, Clear Priva, Clear Comfort, Clear Platina
- Blue Series: Tropic Blue, Electric Blue, Blue Berry Plus
- Gold Series: Aurelia

AIS Ecosense Spectra

Created with unique performance values, AIS Ecosense Spectra is a groundbreaking product that sets a new benchmark in the market, ideal for green building concepts.

Performance Highlights:

-  **High Selectivity: 1.6**
-  **Optimal Light Transmission: 40%**
-  **Color Rendering Index (CRI): 95%** for better visibility from indoors
-  **Lower Solar Heat Gain Coefficient (SHGC): 0.25** for green rating

Usage

- Exterior façades, commercial/residential/industrial buildings.





Colours Available:

- Neutral

Ecosense Edge

The Edge series is a solar-control glass with thermal-insulation and Low-e properties which can be used in single-glazing applications.

Benefits

-  Helps in better energy savings
-  Suitable for use in 'green' homes
-  Delivers better environmental benefits by providing solar and thermal insulation
-  High-performance glass which reduces direct as well as indirect heat

Usage

- Exterior façades • Windows

Colours Available:

- Clear Series: Natura, Natura Plus, Natura Advantage



Thickness (mm):
Single Glazing 6 mm DGU 6 mm Solar Control Glass + 12 mm Air Gap + 6 mm Clear Glass



Thickness (mm):
Single Glazing 6 mm
DGU 6 mm Solar Control Glass + 12 mm Air Gap + 6 mm Clear Glass



KEY PROJECTS



Project Name: Shiv Jyoti Convent School
City: Kota, Rajasthan
Product used –
Façade: Opal Pearl Grey, 5 mm thickness



Project Name: Mayuresh Delta
City: Ulwe, Navi Mumbai, Maharashtra
Product used –
Façade: SunShield Icy Clear, 4 mm thickness



Project Name: Laly's Mall
City: Pattikad, Thrissur, Kerala
Products used –
Façade: SunShield Royal Gold, Opal Golden Bronze, Opal Royal Blue, Opal Cool Green, 5 mm thickness
Interiors: Sparkling Regal Gold, Sparkling Snow White, 6 mm thickness



Project Name: Sanskrit Bhavan
City: Bhubaneswar, Odisha
Product used –
Façade: SunShield Oceanic Blue, 5 mm thickness

KEY PROJECTS



Project Name: Hotel Golden Steel
City: Jajpur, Odisha
Product used –
Façade: SunShield Royal Gold Trendz, 5 mm thickness



Project Name: Damodhar Commercial Project
City: Hyderabad, Telangana
Product used –
Façade: SunShield Radiant Amber, 5 mm thickness



Project Name: Tamluk Library
City: Kolkata, West Bengal
Product used –
Façade: Opal Royal Blue, 5 mm thickness



Project Name: Ashtavinayak Heights
City: Taloja, Maharashtra
Product used –
Façade: SunShield Royal Gold, 4 mm thickness



Asahi India Glass Ltd.

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