



TECHNOLOGY THAT PUTS SCIENCE IN THE  
**ART OF ARCHITECTURE & AUTOMOTIVE**

- Toughened Bend & Flat Glass
- Lamination & Bullet Resistance Glass
- Insulated Glass
- Ceramic Coated Glass
- Big & Small Wind Shield Glass
- Side Toughened Door & QTR Glass
- Railway Toughened & Insulated Glass



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## ABOUT US



From our 1st Unit M/S Hitech Industries in 2010 to expansion into M/S North Capital Glass Pvt Ltd, our commercial production has seen an upward trend with the best toughened, laminated and DGU product line built by technologically advanced machinery backed by impeccable services in Architectural and Automobile fields.

As the best safety glass processor company, we are always in demand for quality toughened, flat and curved as well as a laminated flat range of security glass, bus windscreen glass, earth movers glass, DGU for Freezing, glass usage in Railways etc. Our latest addition to the product range is the bullet-resistant glass with infrared heating technology.

We are proudly providing solutions to 80% of the market we deal in solely on the strength of our products, services and R&D. Our accumulated knowledge, technological capabilities and production abilities have earned our units the award of SE-2C credit rating from NSIC-D&B-SMERA, apart from ISO – 9001 – 2015 certification. We have also got the statutory registrations of SSI registration, Firm Registration, Factory License, Sale Tax registration etc. and Product quality approved by: -

ICAT - Manesar  
ISI, Bureau of Indian Standard  
E4 Certificate.

Our full-fledged laboratory assists in our R&D requirements by anticipating the new-age requirements of the clients with the updated technology available for better products. Our work, research, development, services and product quality are fused with ERP and TPM (Japan) implementation into the processing system. This further connects to our vendors too who have to follow our operational procedures and best practices so as to ensure the best services at all times.

## OUR VISION



Our vision is to inspire loyalty and retain the brand image of being the industry leader in the field of Automobile OEMS, Architectural Building Glass, Transportation, etc. With consistent improvisations, updated systems and processes and inculcation of international standards of products and systems, we have a vision of multiplying our growth each year.

## OUR MISSION



Our mission is to espouse the faith of customers in our products and benefits accrued, solutions attained and standards set in products and processes which give the best in-segment product solutions for different requirements.

## VALUE



Our quality policy corroborates with the product design, development and processes that combine quality and technology to provide valued product solutions. Our certifications attest to the fact that we take our quality maintenance very seriously and strive to comply with all statutory, safety and environmental regulations with committed responsibility.

## WHY CHOOSE US?

- Best in-market products and availability
- Process-driven product development
- ERP system for order tracking and dispatches
- Environmentally conscious combination of science, technology and custom-built solutions
- Japanese Model of TPM inducted processes in services and quality



Fully Automatic Polish Machine



Fully Automatic Flat Lamination Line



Fully Automatic Printing Line



Intermac CNC Cutting Machine



Midi Bus Wind Shield Bending Machine



Single Edger Polish Machine



Tempering Furnace For Flat And Bend



Auto Clave & Air Compressor

**TOUGHENED OR TEMPERED GLASS**

Toughened or tempered glass is produced when float glass panels are heated and then cooled rapidly in a controlled environment. Toughened glass properties also include the ability to handle greater temperatures and differentials, as well as fracturing into smaller pieces with blunt edges if the glass fails. This is why it's often referred to as toughened safety glass.

**PRODUCT FEATURES:**  
 UNPARALLELED STRENGTH  
 ENHANCED SAFETY  
 EXCEPTIONALLY RESISTANT  
 SCRATCH-PROOF

**MINIMUM & MAXIMUM SIZE & THICKNESS**

3.5mm to 19mm Thickness  
 Size : 100mm X 300mm, 2440mm X 5000mm

**APPLICATION**

- High rise buildings
- In-office spaces
- washbasin
- canopies
- glass doors
- Partition walls and windows on the side of buildings
- Partitions
- Elevator Enclosures



**LOW E, OR LOW-EMISSIVITY, GLASS**

Low E, or Low-Emissivity, glass is a type of glazing glass containing a transparent, microscopic coating that improves the thermal efficiency of your windows. Today we're looking at the advantages and disadvantages of low E glass, to make sure you're as informed as possible when it comes to your next glazing purchase.

**PRODUCT FEATURES:** LOW- E GLASS (E-0.02)

**APPLICATION**

- Off-line Coated Glass
- On-line Coated Glass
- Pattern Glass
- Colour Glass



## CURVED TEMPERED GLASS

This is made to protect the LCD from damage and scratches with specially processed glass that has been reinforced to increase shock absorbency.

### C- BEND

#### MINIMUM & MAXIMUM SIZE & THICKNESS

3.5mm to 12mm Thickness  
Size: 500mm X 500mm, 1830mm X 2440mm

### J- BEND

#### MINIMUM & MAXIMUM SIZE & THICKNESS

5mm to 12mm Thickness  
Size: 500mm X 500mm, 1830mm X 2440mm



## LAMINATED GLASS

Laminated glass (LG) is a type of safety glass that holds together when shattered. In the event of breaking, it is held in place by a thin polymer interlayer, typically of polyvinyl butyral (PVB), ethylene-vinyl acetate (EVA), ionoplast polymers, cast in place (CIP) liquid resin, or thermoplastic polyurethane (TPU), between its two or more layers of glass.[1] The interlayer, made through heat and pressure, keeps the layers of glass bonded even when broken, and its high strength prevents the glass from breaking up into large sharp pieces.[1] This produces a characteristic "spider web" cracking pattern when the impact is not enough to completely pierce the glass. The thermoset EVA offers a complete bonding (cross-linking) with the material whether it is glass, polycarbonate (PC), or other types of products.

#### PRODUCT FEATURES:

High Profile Security Solution

#### MINIMUM SIZE & THICKNESS

3mm to 19mm Thickness  
Size: 500mm X 350mm, 3050mm X 6100mm

#### APPLICATION

- Glass railing panels
- Glass staircases
- Skylight glazing
- Glass domes
- Burglary proof glass
- Bullet resistant glass.



## INSULETED GLASS

Insulating Glass is thermatically sealed combination of glasses separated by Aluminium spacer with dehydrated airspace. Glass panes can be Annealed, Tempered, and Heat Strengthened or Laminated depending upon the specification. A variety of combination of glass types including Low E, reflective etc. can be used to achieve a wide variety of performance properties.

#### AIR GAP MINIMUM & MAXIMUM SIZE

Air Gap - 6mm, 10mm, 12mm, 15mm & 24mm  
Size: 300mm X 300mm, 2440mm X 3660mm

#### APPLICATION

- To prevent dew condensation
- To maintain Inside Room Temperature
- Energy conservation
- Noise Reduction



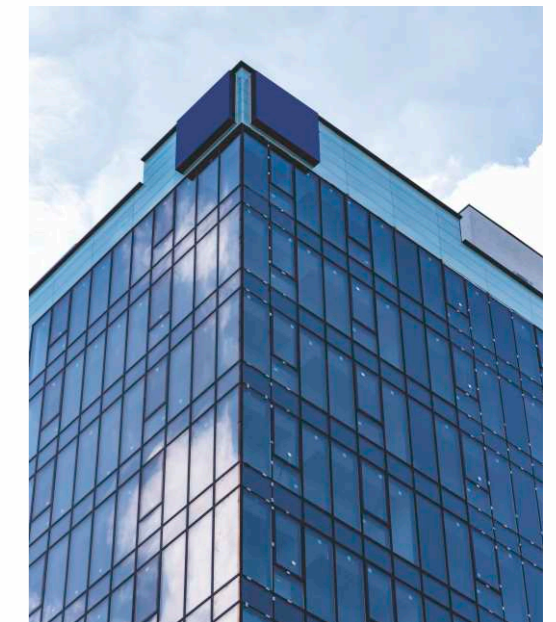
## CERAMIC/DECORATIVE TOUGHEN GLASS

### CERAMIC GLASS

A Ceramic glass also referred to as pyroceramic, neoceramic or robax glass, is a high temp glass that is designed to handle extreme heat of up to 1470 degrees F (3/16" thick or 5mm).

### FIRE PLACE GLASS

Here at WoodStove-Fireplaceglass we use the term ceramic glass generically, meaning pyroceram, neoceram or robax glass. This glass has a slight "amber" tint to it. It is referenced as a glass, but in actuality, it is a transparent ceramic material. This type of glass-ceramic should always be used in any wood stove. Never, ever use tempered glass in an airtight wood stove.



## BULLET RESISTANCE GLASS

HIGH PROFILE SECURITY SOLUTION



## SKYLIGHT GLASS

Laminated glass is manufactured by adhering two or more layers of glass together with a flexible PVB interlayer. This takes place through a heat and pressure process in which the chemical bond formed between the glass and PVB interlayer does not merely join them but 'conjoins' them to create an entirely new material.



## GLASS SKYWALK



## HOME APPLIANCES



Otg & Microwave Glass



Refrigeration Top



Kitchen Chimney Curve Glass



Cookware Glass



Solar Panel Glass



Kitchen Stove Top Toughen Glass

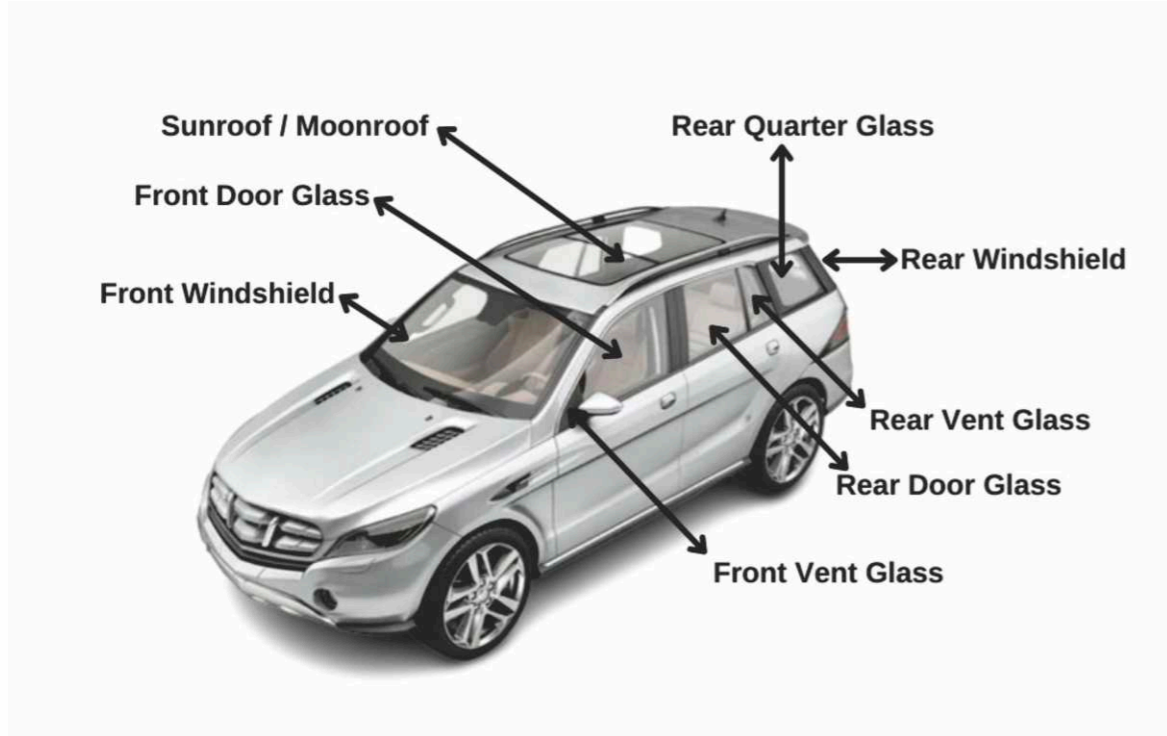


Heat Shock Glass



Street Light Glass

In automotive glass segment has stood for quality, safety and security, being OEM supplier to automobile manufacturers. Products of Safex not only are ISI marked but also its automotive glasses are Emarked, thus conforming to European standards. This results in additional strength, resistance to thermal stress, and impact resistance.



Railway Wind Shied  
Laminated Curved Glass



Railway Side Dgu With  
Laminated Glass



Dgu For Railway /  
Visicooler / Refrigeration



Expert In 3 Wheeler &  
E Rickshaw Front Glass



Flat & Curve Door Glass



Flat & Curve  
Wind Shield Glass



Expert In Automotive &  
3 Wheeler Front Wind Shield Glass



Big Bus Wind Shield



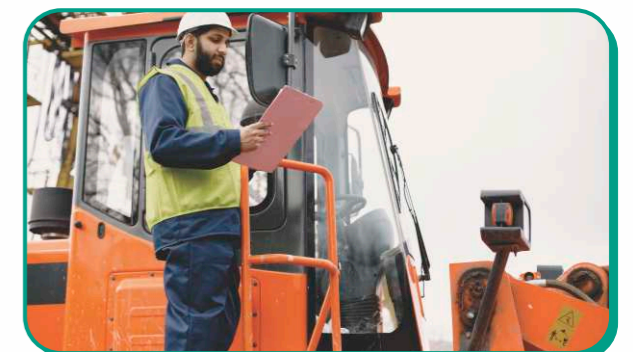
Flat & Curve Qtr &  
Backlight



Big Bus Wind Shield For  
Volvo / Scina /mercedeze



Glass Supply For  
Earth Mover Segment



Glass Supply For  
Earth Mover Segment