

HNG Float Glass



- Corporate Head Office Mumbai
- Plant Location Halol (45 Kms from Vadodara)
- Regd Office Kolkata



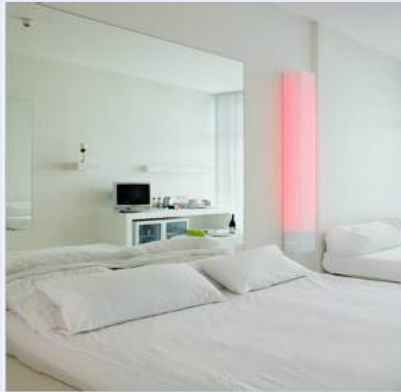












GLASS PRODUCTS FOR CONTEMPORARY ARCHITECTURAL DESIGNS



Architectural Glass Products

Type of Glass	Classification/ Performance	Application
Clear	Clear Float	See through Glazing
Tinted	Body Tinted Float Glass	Energy Efficiency <ul style="list-style-type: none"> • Thermal Insulation • Solar Control
Reflective Glass	Coated Glass	
Solar Control Low E	High Performance Solar Control and LowE coated	
Ultra Clear/ Extra Clear	Low Iron Float Glass	Decorative
Mirror	Ecological Mirror; Low Iron Mirror	
Lacquered Glass	Lacquered in Different Colours	



Architectural Glass Products

Value Addition

- Tempered/ Heat Strengthened
 - For greater strength
- Double/ Triple Glaze units
 - For better performance
 - Safety
- Laminated Glasses
 - Security
 - Improved Performance



ENERGY EFFICIENCY

- Thermal Insulation
- Thermal Insulation and Solar Control



Energy Efficient Products



If you need to heat your building;

If you need to heat and cool your building;

Low-E Glass

Temperable Low-E Glass

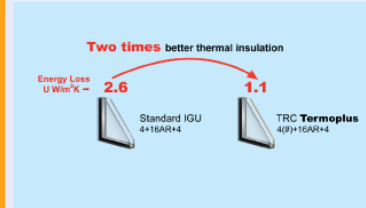
Solar Control and Low-E Glass

Solar Control and Low-E Glass

Temperable Solar Control and Low-E Glass



Energy Efficient Products-Low E



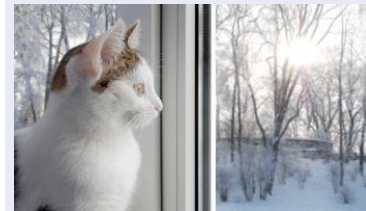
If you need to heat your house;

Low-E Glass

is the right solution to reduce heating expenses



Your coffee won't get cold in winter



Energy Efficient Products- LowE



for naturally bright interiors with excellent thermal insulation



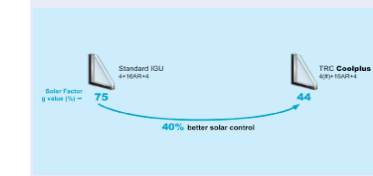
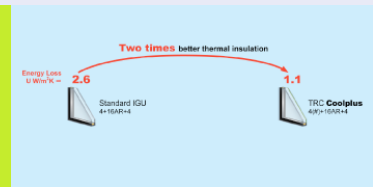
High Light Transmittance

Effective Heat Control

Neutral Appearance
U Value-1.1; with Light transmittance of 71%



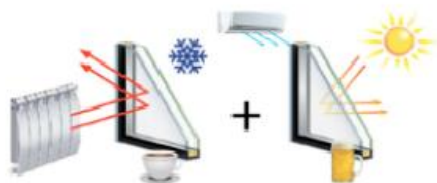
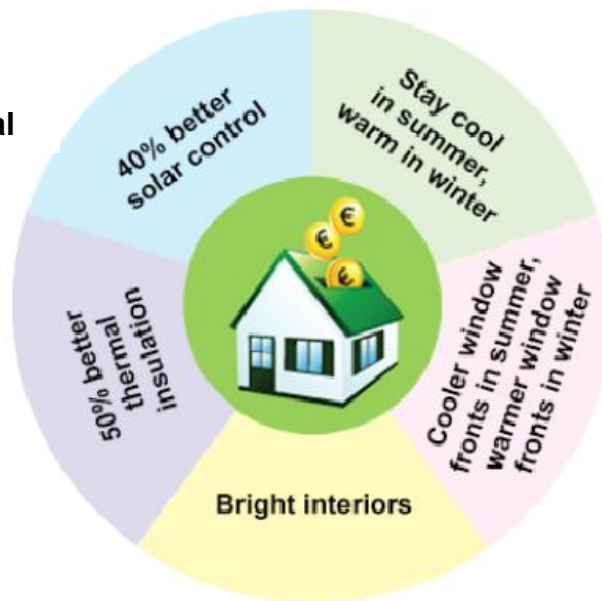
Energy Efficient Products-Solar Control LowE



If you need to heat and cool your house;

Solar Control Low-E Glass Neutral

is the right solution to reduce heating and cooling expenses



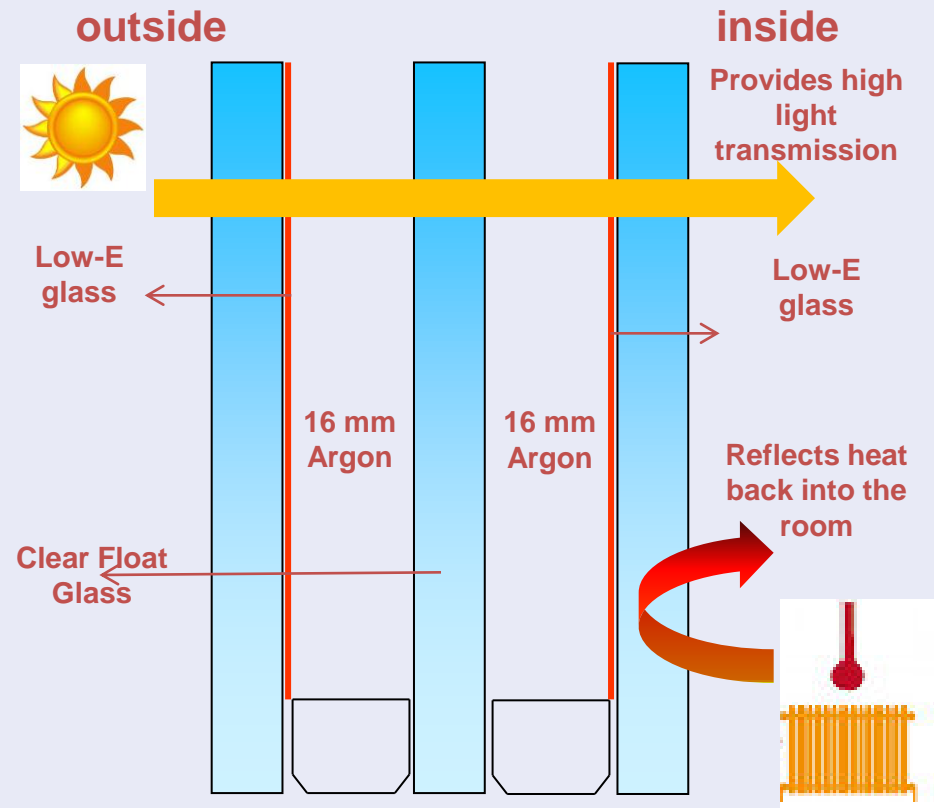
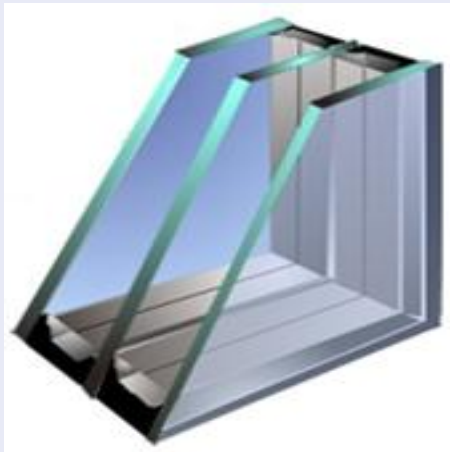
Your coffee won't get cold in winter

Your beer won't get warm in summer



Energy Efficiency in Buildings

Thermal Insulation

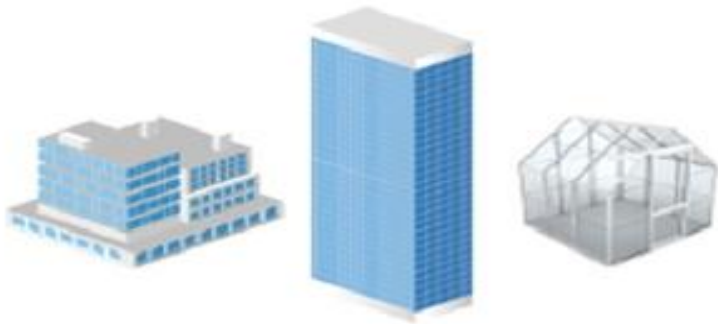


Highly energy efficient glazing solutions and **triple glazing** will be vital to any 'nearly zero building'.

Energy Efficient Products



Solar Control LowE



Offers best solutions for residences, commercial buildings and conservatories



Energy Efficient Products

Tinted

Tinted Float Glass- Body coloured

Coloring the glass helps to reduce **visible light transmittance** and **solar heat gain**

Available Colours-

- Green
- Grey
- Bronze
- Blue
- Turquoise
- Azure
- Dark Grey
- Light Grey



Gimat Wholesaler's Association,
Şişecam Tinted Float Glass, Green

Energy Efficient Products

Solar Control

Tentasol - On line pyrolytic coated reflective glass

- Clear
- Green
- Grey
- Bronze
- Blue colors are available.
- Offers **a uniform appearance** between vision and spandrel areas due to its high reflectance.
- Can be incorporated into IGU with ;Clear Float, Low-E, Laminated or Laminated Low-E Glass.



Çağlayan Courthouse,
Şişecam Tentasol Silver

Energy Efficient Products

Solar Control

Tentasol-Titanium On line Pyrolitic coated Reflective Glass

- Clear
 - Green
 - Grey
 - Blue
 - Turquoise
-
- Due to high light transmittance, it provides **brighter interiors**.
 - Can be incorporated into IGU with ;Clear Float, Low-E, Laminated or Laminated Low-E Glass.

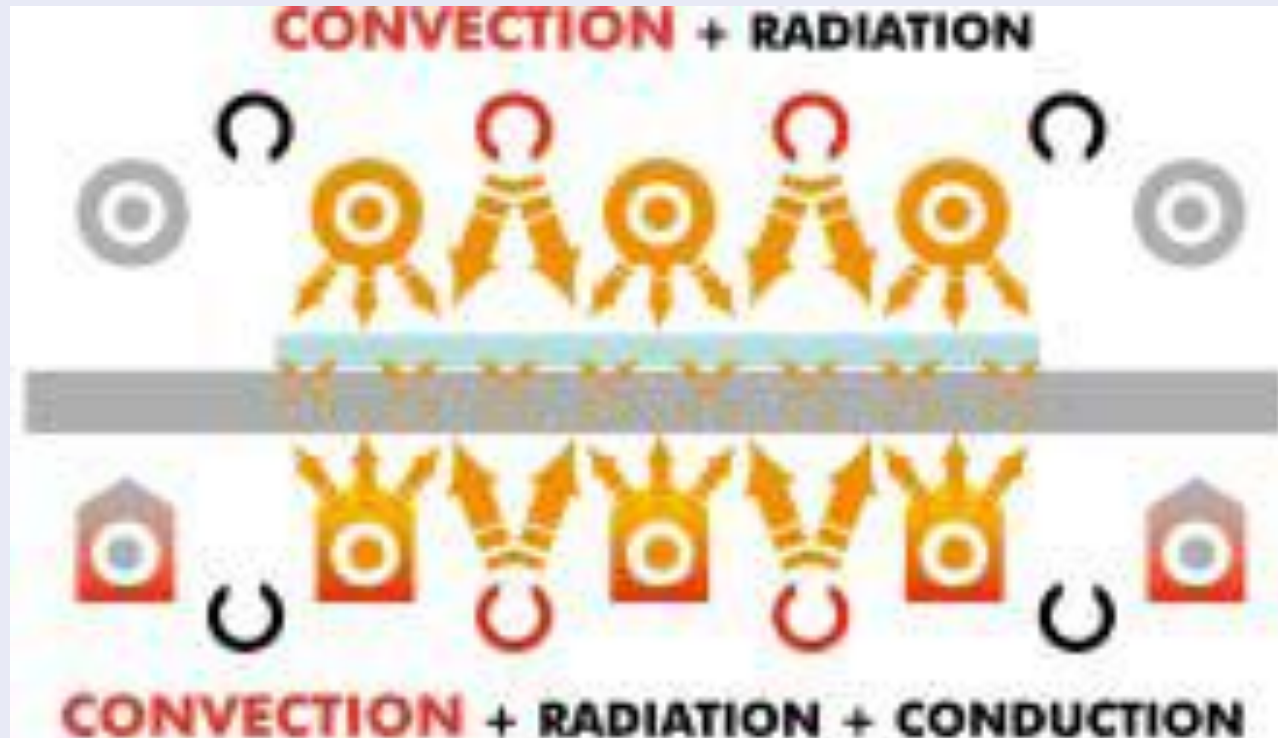


Anatolian Hotel,
Şişecam Tentasol Titanium Blue



Glass Processing

TEMPERING PROCESS (4-5 times stronger)



- CONTROLLED CONVECTION
- CONSISTENT QUALITY
- NEGLIGIBLE DISTORTION

END PRODUCT

TRUE PICTURE



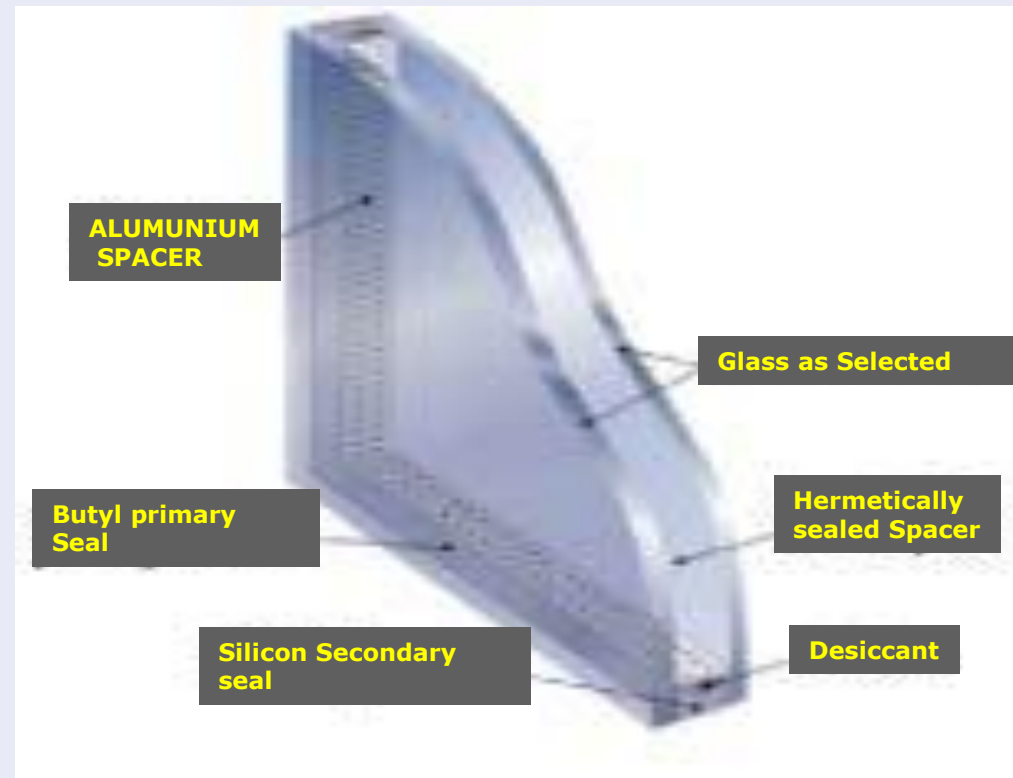
Glass Processing

IGU

Double or Triple Glass Unit separated by a spacer

KEY QUALITY AREAS

- **AUTOMATIC DESICCANT AND HERMETIC SEALING**
-ENSURES VERY DRY AIR/GAS INSIDE FOR MOST EFFICIENT PERFORMANCE
- **SPACER BENDING**
-ENSURES STRUCTURALLY STRONG IGUS BY MACHINE-BENT SPACERS

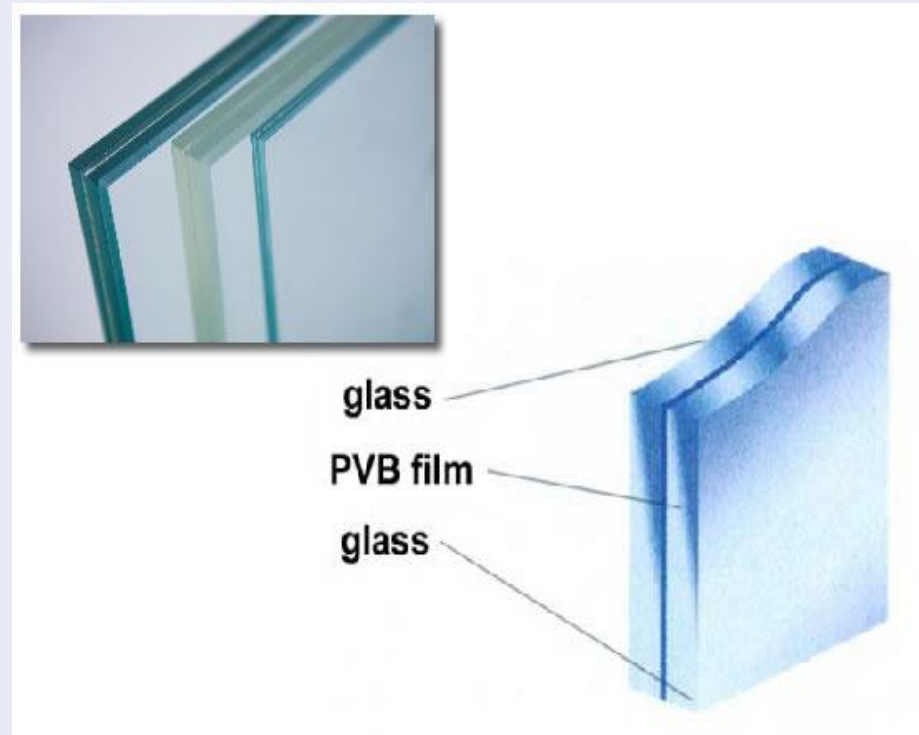


Glass Processing

Lamination

Safety Glass that holds together when shattered

- Laminated glass is normally used when there is a possibility of human impact or where the glass could fall if shattered and also for architectural applications



Decorative Glasses

Lacquered Glass



Decorative Glasses

Eco Friendly Mirrors





Thank You



Our web site
www.hngfloat.com

