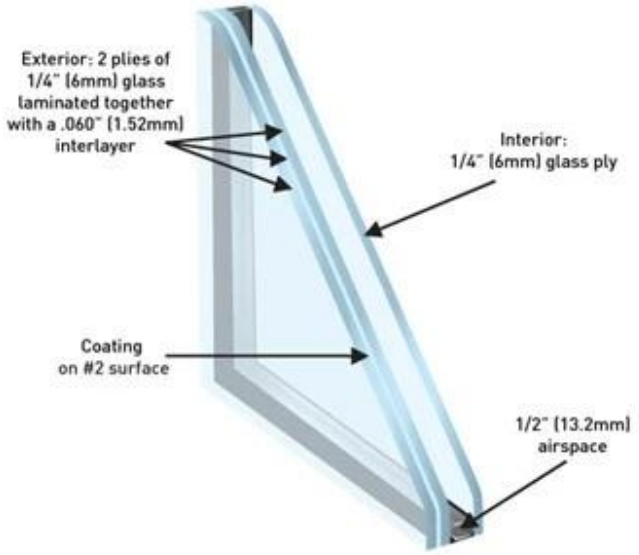
Superb Quality Energy Saving Double Glazed Glass 37.52mm Insulating Laminated Glass Manufacturer

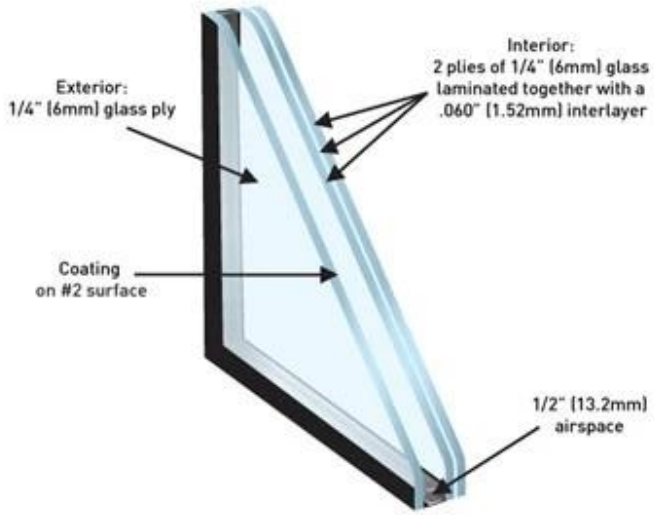
Shenzhen Sun Global Glass factory is located at Shenzhen, Guangdong, China, which is a main building structural Insulated Glass supplier, commercial **Low Emissivity Double Glazed Glass manufacturers** and energy saving vacuum solar control double glazing glass exporters.

37.52mm Low E Heat Strengthened Laminated Insulating Glass are perfect glass materials for architectural glass walls and doors, Blast resistant storefronts and doors, impact windows and doors, energy saving glass curtain walls, etc.

8mm clear toughened glass and **17.52mm Heat Strengthened Low E Laminated Glass** (8mm clear

HS glass+1.52mm PVB+ 8mm low E HS glass) are framed by 12mm thickness aluminum spacer, filling with argon gas; to be sealed by double sealant (using Dow Corning structural sealant which has good anti-weather performance). There are good quality desiccant filling in the aluminum spacer, that can help insulated glass panels keep dry. When they are used for Structural Glass Walls, not only can have good performance on soundproof, but also have better performance on thermal resistance and wind load, compare to ordinary two glass panel tempered insulated glass.





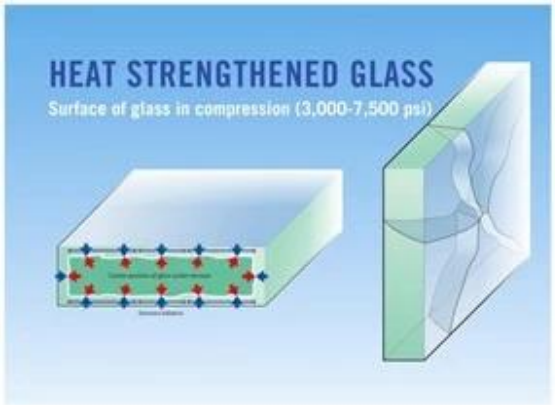
Glass Specification:

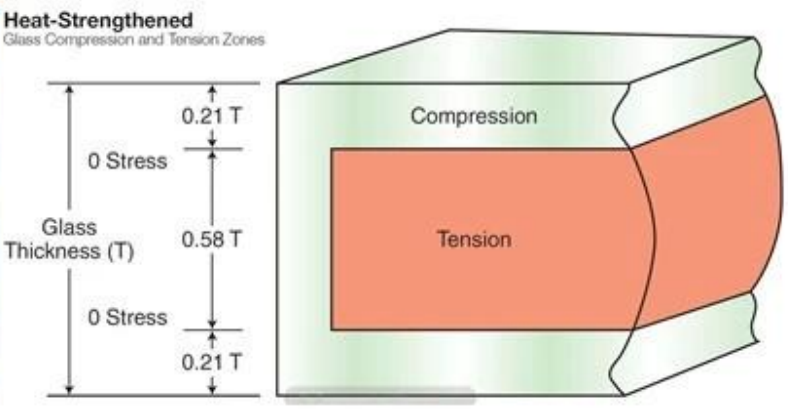
Exterior Options	Spacer	Interior Options
8MM Low E Tempered glass	Vaccum 12mm AluminumSpacer/ Warm Edge Spacer Air/Argon Gas/Vaccum	8mm clear heat strengthen glass+1.52mm PVB transparent + 8mm heat strengthen clear glass
8mm clear heat strengthen glass+1.52mm PVB transparent + 8mm low E heat strengthen glass	Vaccum 12mm AluminumSpacer/ Warm Edge Spacer Air/Argon Gas/Vaccum	8MM Clear Tempered glass

Low-E Coating on No. 2 Surface:
Installed here, the coating helps reflect heat to the outside, reducing solar gain during the warm months and thereby reducing cooling costs. It is suitable for tropical zone.

Low-E Coating on No. 3 Surface:
Placed here, the coating reflects infared heat back into the interior space, helping reduce heat loss during the cold months and thereby reducing heating costs. It is suitable for cold region.

Why choose 17.52mm HS Low E laminated glass as a combination for Double Glazing Glass Wall Systems?





Heat-strengthened glass is annealed glass that has been heat treated to have a surface compression between 3,500 and 7,500 psi (24 to 52 MPa) which is twice the surface compression of annealed glass and meets the requirements of ASTM C 1048.

They are suitable for suitable for general glazing, where additional strength is desired to withstand wind loads and thermal stresses. Compare to full tempered glass, the biggest advantage of HS glass is that they do not exist unexpected spontaneous breakage after they are installed on the buildings.

Hence energy saving HS Low E Laminated Glass (8mm clear heat strengthen glass+1.52mm PVB transparent + 8mm low E heat strengthen glass), here 1.52mm Sentryglas Plus Interlayer (SGP) can take replace of 1.52mm PVB film, that can improve the Insulated glass panels performance on resistance heavier impact from bad weather or violence attacks, such as hurricane, storm, bullet, etc.

SZG Insulated Glass production

High Production Capacity ——Monthly IGU production capacity 5000 square meters; Laminated Glass 8000 square meters.
· 2 sets of Italy Bottero Cutting lines & 11 sets of Edging machine
·1 set Heat Soak Test Ovens calibrated according to EN14179
· 1 set Flat& Bent Tempered Glass Furnace (8000mm x 3300mm)
· 2.Laminated Glass Furnace (3000mm x 8000mm)
· 1set Insulating glass: automatical Lisec insulating glass lines (3300mm x 6000mm)
. 1 set Silkscreen Printing Glass Production Line (2440mm x 6000mm)

S Z G
Professional glass manufacturer

S Z G
Professional glass manufacturer

S Z G
Professional glass manufacturer

SZG Insulated Glass package

1. brand new, durable, seaworthy plywood case with foam projection inside
2. Interlayer paper, corks separations or protection film, bespoke package is available
3. Seaworthy wooden crates
4. Iron belt for consolidation
5. Delivery Time: 7 to 15 working days after deposit received
6. you can order containers of 20GP, 20OT, 40HC, and 40OT

S Z G
Professional glass manufacturer

C1CU 998335 0
45G1
MAX.GROSS
TARE
NET
CU.CAP
CAUTION
9'6"
HIGH
CONTAINER