ENERGY SAVING 17.52mm Low E GLASS HEAT STRENGTHENED LAMINATED GLASS +15A +10MM CLEAR TEMPERED & HEAT SOAKED TESTED

Usually the make up of Insulated Glass Unit (IGU) is constructed with two pieces of glass panes and one sealed air space, it also referred as a dual glazed pane or double glazing glass unit (DGU). Insulated Glass had been a very common glass element on buildings, due to it has good performance on energy saving and soundproof, compare to laminated glass or tempered glass.

People can have different configurations, such as laminated insulating glass, double laminated insulating glass, the substrate can be tempered glass, **heat strengthened glass** and **heat soaked testing glass**.

For example The glass to be 42.52mm hermetically sealed structural silicone double glazed laminated unite of the following make up:

- Out Liter: 8mm heat strengthened low E glass (#2 surface or #4 surface)+1.52mm interlayer film (interlayer film can be: SGP film, PVB film, and EVA film)+8mm clear heat strengthened toughened glass

- Space: 15mm Air/ Argon gas/ Vacuum;
  aluminum spacer/ warm edge spacer/ stainless steel spacer
- Inner Liter: 10mm heat soaked testing clear tempered glass.

Shenzhen Sun Global Glass factory can produce OEM insulating glass upon glass' performance requirement, all the final glass thickness and strength will be determined based on glass strength analysis and system structural calculation by the curtain wall/ doors/ windows fabrications and as approved by architect.

Features:

1.This configuration can be applied for the exterior where is overhead glazing or specific hurricane zones where safety glazing is required for building exterior enclosure.
Especially, 8mm half tempered glass can avoid the risk of spontaneous breakage compare to full tempered glass, when they are applied for 17.52mm HS tempered Low E laminated glass can be more safety.

2.8mm low E heat strengthened glass can be placed on the #2 surface, however superior solar performance can be achieved by placing the coating on the #4 surface touching the air space

3.Laminated insulated glass provides numerous benefits from protection to safety to acoustic improvements.

The more configuration options of laminated insulated glass are available, except heat strengthened toughened glass, the glass substrate could be full tempered glass or heat soaked testing glass, including: ultra clear glass, clear glass, low E glass, silkscreen glass, gradation glass (lumi level), light diffusing glass, acid etched glass, etc.

Application:

Safety IGUs (Insulating Glass Units) Laminated Insulated Glass Used For Aluminium Double Glass Curtain Wall, Safety Igus (Insulating Glass Units) Laminated Insulated Glass Used For Aluminium Double Glass Curtain Wall, etc.

Double Glazed Glass Production

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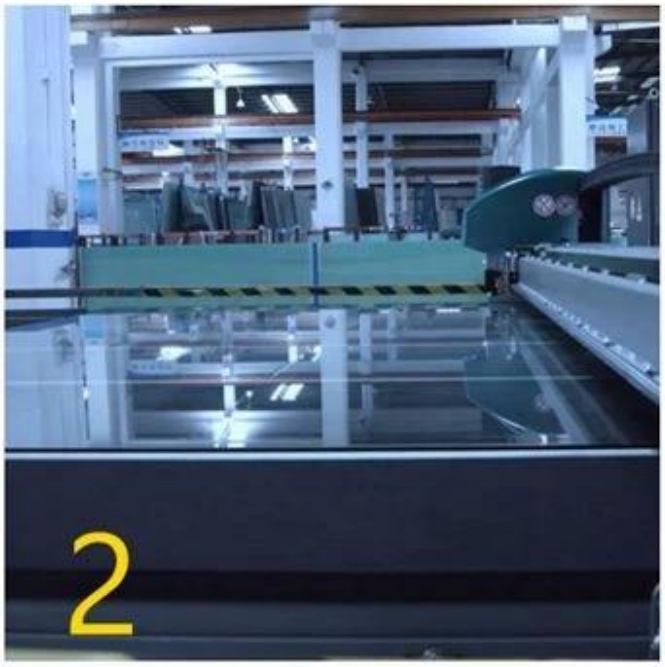
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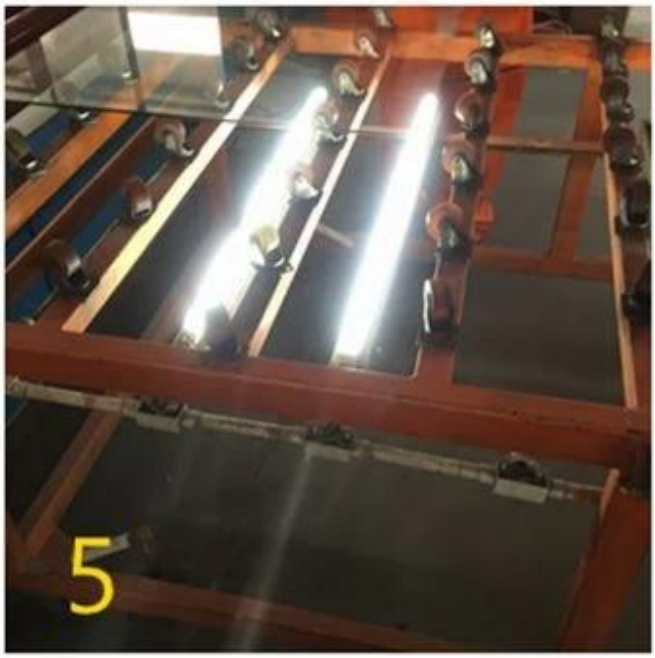
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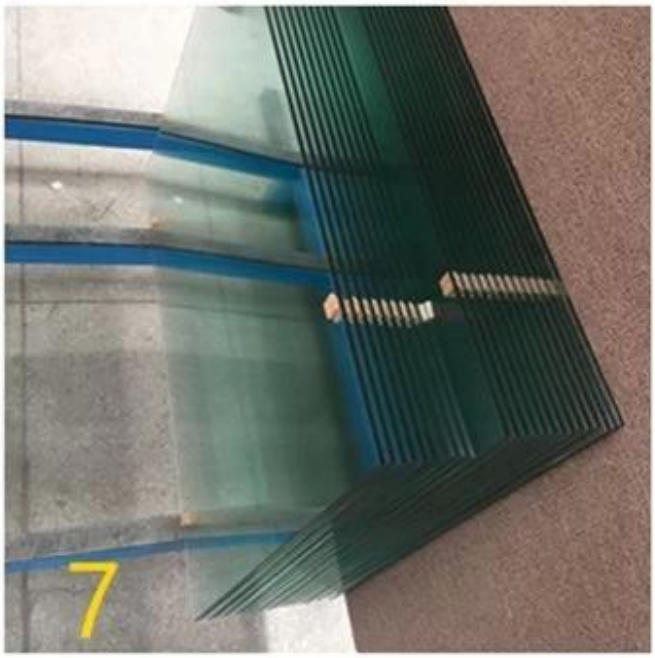
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