

China manufacture high quality insulated and silk screen printing insulated glass units

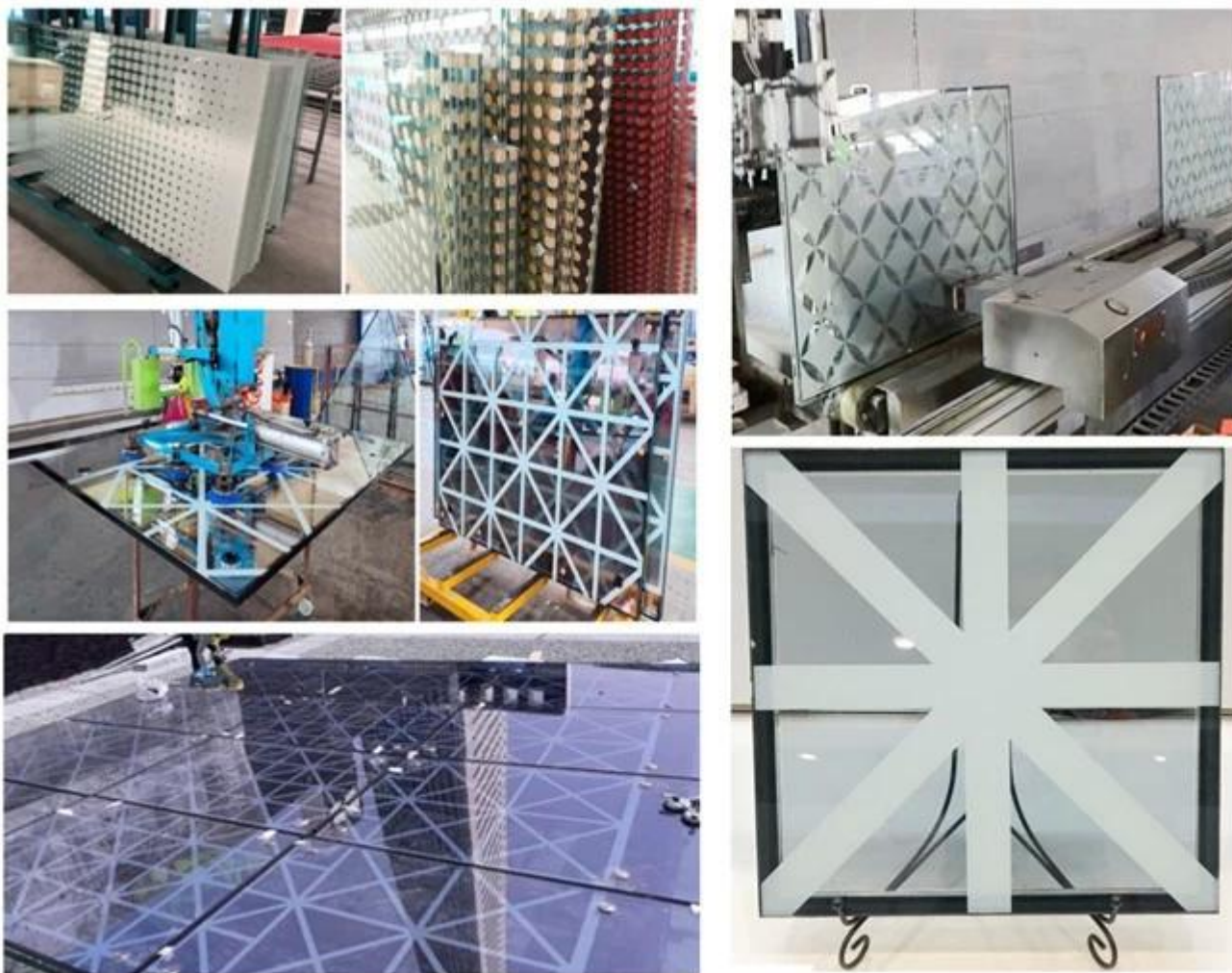
About Ceramic frit painted glass

Ceramic frit painted glass, also called fritted glass, [ceramic fritted glass](#), silk screen printed glass, silk printing glass, silk screen printed enameled glass, etc. It is made by printing a layer of ceramic ink on the surface of glass through the screen mesh for tempering or heat-strengthening process after. It is mainly used for building interior and exterior decoration. Characteristics of fritted glass are durable, scratch-proof, solar shading with anti-glare effect, and moisture resistant. All these features maintain colors of silk printed glass last for decades, and there is various color and graphic choices as an option for designers. You can choose the ceramic frit painted tempered glass, [silk screen printed laminated glass](#) and silk screen printing insulated glass units as per desire.

Data sheet of silk screen printing glass

| | |
|--------------------------------|----------------------------------|
| DPI | 125 |
| enamel/ink | Water base tempered glass enamel |
| Printing accuracy | 0.5mm→ 2mm |
| wear-resistant test | Passed |
| acid-soda-resistant test | Passed |
| PVB compatibility test PVB | Passed |
| water-resistant test | Passed |
| ultraviolet ray resistant test | High temperature glaze --Passed |
| atmospheric exposure test | High temperature glaze --Passed |
| Transmitting pattern | Frosted |

High quality silk screen printed tempered glass, silk screen printed laminated glass and silk screen printing insulated glass units



The silk screen printed insulated glass for glass facade and [curtain wall](#)

To use the original silk screen printed glass with normal anneal glass to make the insulated glass units which can better to connect with the insulated glass function and the silk screen printed glass characteristics, is a good design option for the glass facade/ curtain wall glass, glass roof/ skylight glass and window glass and so on, which more and more popular by the designer and owner you can view everywhere the surrounding buildings.

Its normally printed/ ceramic fritted the round dot, line and other simple pattern to create the unique design on the glass, the white color is most popular by the market.

| | |
|-----------------|---|
| Item | ceramic fritted insulated glass |
| Thickness | Singler glass thickness various combinations of 4mm to 19mm thick |
| Measure | Max size of 3300x13000mm, Min 180*350mm |
| Glass color | Clear ,ultra clear, bronze, grey, bronze,blue, green,etc |
| Aluminum spacer | 6mm, 9mm, 12m,6mm(1/4", 11/32", 1/2" 5/8"),etc. |
| Processed | Edge polished , Drilling holes, frosted, and so on |

Quality

In accordance with EN1279 European insulating glass standard
In accordance with ASTM E2190 American Standard
In accordance with GB/T 11944 Chinese Standard Insulated Glass standard

silk screen printed insulated glass for curtain wall



Competitive Advantage of ceramic frit painted insulated glass:

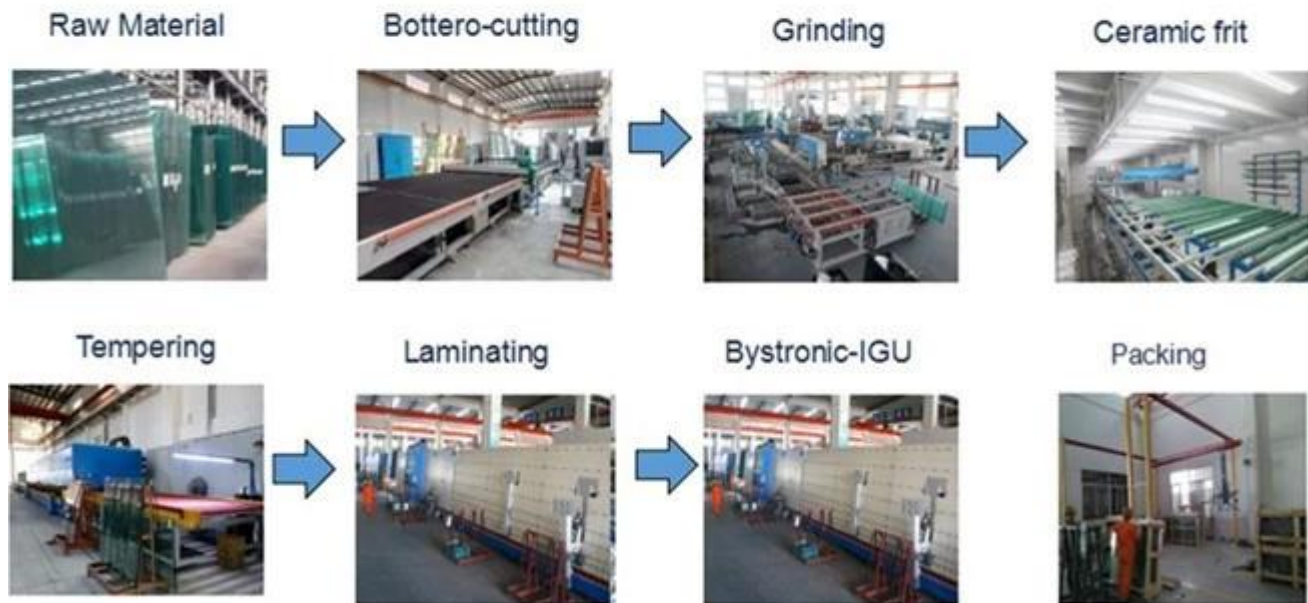
1. can be customized by various patterns customer requested, with multi-colors;
2. Scratch resistant, Acid and Alkali resistant
3. High color stability, durable and without color fading
4. Safety glass with tempered glass desirable properties
5. Effective in providing solar shading.
6. Soundproof and thermal insulation and energy saving control

Applications:

Facade and curtain wall ; Interior decoration; exterior declaration, Metro station; Partition; Building; etc.



Silk Screen tempering laminating insulated process



Our high quality safety packing and loading for insulated ceramic frit glass units

