

**China excellent decorative
6+16A+13.52mm 28mm ceramic
frit double glazing units for
facade supplier**



What is ceramic frit double glazing units for facade?

Ceramic frit double glazing units also called silk screen insulated glass units, [silk screen printing glass](#), which are a type of glass used in building exteriors. The '[double glazing](#)' refers to the construction of the glass unit, which is made up of two glass panes or one pane with one laminated glass panes separated by a gap filled with inert gas or a vacuum. This structure enhances the insulation properties of the glass, making it a popular choice for energy-efficient buildings.

The term '[ceramic frit](#)' refers to the method of decoration applied to the glass. Ceramic frit is a type of ink made from ceramic and glass fusion materials and is applied to the glass surface in a pattern. After application, the glass is heated in a process called 'firing', which fuses the frit to the glass surface permanently. The frit can be applied in various patterns and colors, adding aesthetic value to the glass.



Decorative ceramic frit double glazing units

What the advantages of ceramic frit double glazing units from [Shenzhen Dragon Glass Co., Ltd](#)?

- Help reduce glare, cut cooling costs
- Blocking harmful UV rays, saving more electricity fees
- Lower the danger to birds
- Give the exterior a distinctive look



How Dragon Glass make sure quality of ceramic frit double glazing units?

Cutting and polishing:

Use the very good float glass, put on the cutting machine, cut the two pieces 6mm colorless glass and 6mm clear glass or Low E glass to the final size according to the drawings, then polished the edges with grinding machines, and clean the glass surfaces by washing machines.



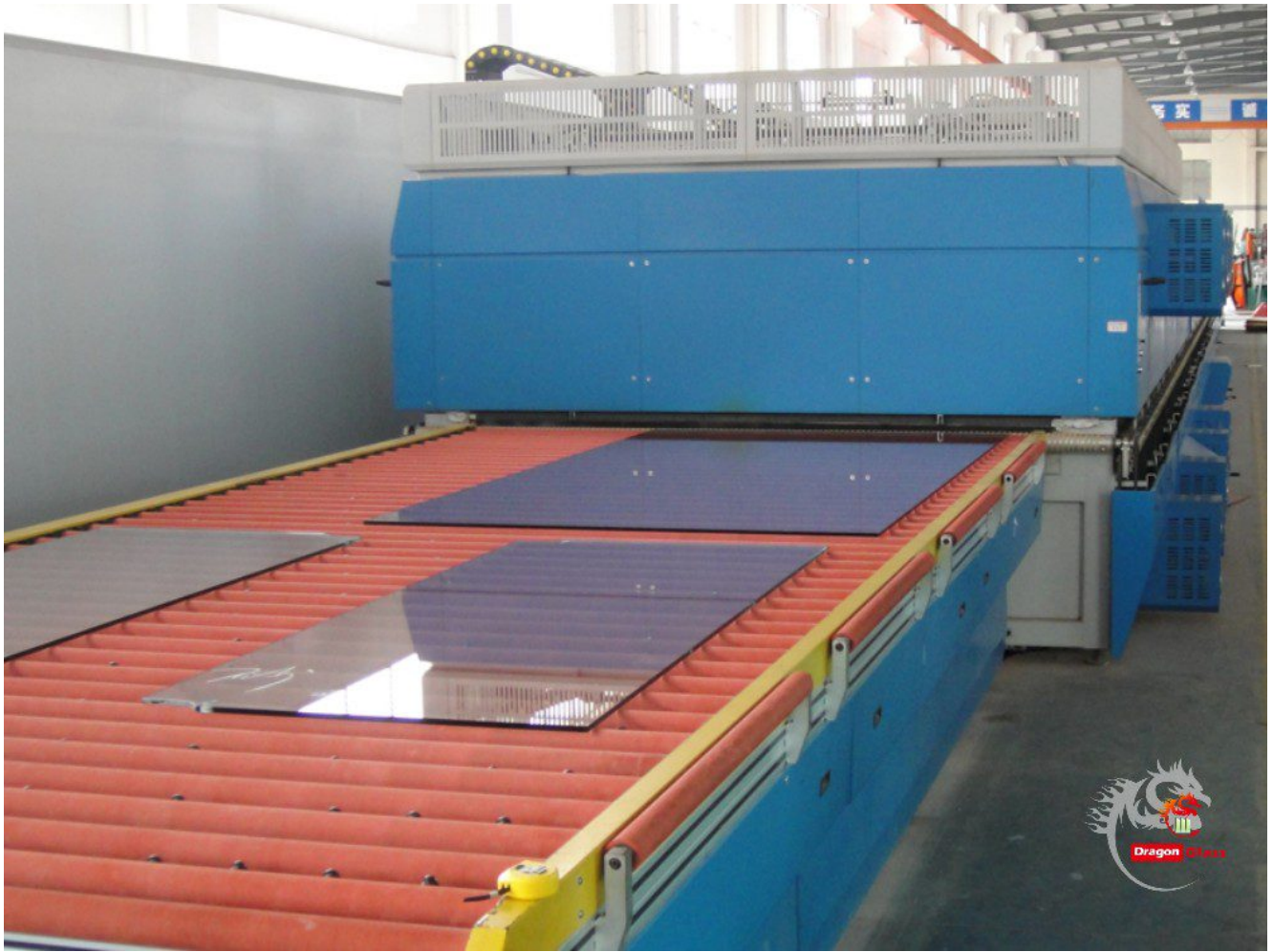
Ceramic fritting process:

Put the 6mm colorless glass to ceramic fritting machine, made by printing some ink on the glass surface and then heat to due temperature to make it permanently glazed.



Tempering process:

Transfer the 6mm Low E/colorless glass, 6mm ceramic frit glass, 6mm colorless glass for tempering furnace, with heat to around 700-degree temperature, and keep for due time. Using the strong wind jet to cool the glass rapidly. Thus causing the glass surface to compress whereas the interior side is still in tension. This thermal treatment will increase the glass strength to above 95 Mpa.



Laminating process:

Transfer 6mm ceramic frit glass with 6mm colorless glass for laminating, use very high quality PVB film to combine two pieces of glass together. And highly pressurized and industrial heating process in Autoclave.



Insulating process:



6mm Low E/ colorless tempered glass and 13.52mm ceramic frit tempered laminated glass are separated by one 12A aluminum

spacer and sealed together at the edge. The insulating airspace is filled with dry air inside to slow the heat exchange and reduce noise levels. The aluminum spacer is filled with silica desiccant pellets to ensure the removal of any moisture in the airspace. Then the ceramic frit double glazing units delivered.

What the specification of ceramic frit double glazing units?

Products Name	Ceramic frit double glazing units for curtain wall, facades
Thickness	6mm+13.52mm, other thickness also available, all can be customized depends on design
Spacer	12A=1/2, other spacer can be customized, 6A, 9A, 16A, 19A, can use Argon
Spacer Color	Sliver, Black, Grey.
Combination	6+12A+13.52mm = 28mm
Performance	Soundproofing, energy-saving glass , decorative effects, safety, UV reduction, reduce glare, and so on.
Delivery Time	Normally 15 days, more shalled based on projects requirements
Other details	Support logos design, protective film, and safety protection

**Some special processing for ceramic frit
double glazing units**

Avoiding the ceramic frit double glazing units have scratches and dust during transportation and site installation.

Packages of ceramic frit double glazing units from Shenzhen Dragon Glass Co., Ltd



Our standard high quality packages with very good protective methods

Reference projects which realized by ceramic frit double glazing units



Shenzhen Dragon Glass Co., Ltd, as a professional glass company, since 1994 build 4 production based for processed glass, and in the past 10 years, develop so many float glass in China, not just a investment, but also make sure all our glass quality can reach what customers need, win owners good comments and more orders, and reach win-win business, and established great partnership in future.



Dragon Glass all members here ready to service you with your any projects, if you interest, kindly contact us anytime, [send messages to us.](#)