

Put ceramic frit onto surfaces of 5mm clear float glass or low iron float glass, and let you create a subtle or bold look on glass panels with variety patterns and color. Meanwhile, Because of Silk-screened glass can be combined with clear of [tinted glass](#) substrates, they can improve light transmittance performance. As well as with excellent performance coating to reduce glare and decrease solar transmission.

Production Process of SGG 5mm silkscreen glass:

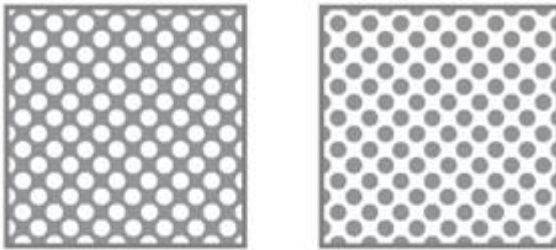
- 1.Washing the 5mm [annealed glass](#)
- 2.The ceramic frit paint is applied one side of the glass
- 3.Put it into a tempering furnace to create a permanent coating

When you consider to design with silk-screen patterns, it is important to select the pattern (screen), select the color for the pattern and identify the pattern orientation. As below:

Standard Orientation

Dot Patterns

The dot pattern starts at the base dimension and runs off the edges of the glass. Partial dots/holes are acceptable with standard dot pattern orientation.



Line Patterns

The dot pattern is vertical or horizontal and starts with either a line or space.



Note - When a line pattern is specified, answers to the following questions should be included in the specification:

- 1) Will the lines be vertical or horizontal?
- 2) Which edge will the pattern start on?
- 3) Will the pattern start with a line or space?

Design - Plus Orientation - A Viraspan Design pattern with requirements beyond standard orientation.



Silkscreen screen can be used on insulated glass, such like this picture:

The Low-E or reflective coating can be applied to the same surface as the silk-screen pattern, durability by applying a [insulated glass](#) process, aesthetics and easy cleaning.



5MM Silk screen printing glass can also apply on laminated glass, such like this one:

Put the silk screen printing side on the middle of [laminated glass](#), to enhance photo realistic print of enlarged color space, durability by applying lamination process, aesthetics and easy cleaning.



Features:

1. Silkscreen printing glass is a kind of safety glass, because they always either heat strengthened or fully tempered to prevent glass breakage due to thermal stresses under sunlit applications, thus they are equal to tempered glass.
2. Can realize multi-color with durable and uniform.
3. Pleasing aesthetic look, but easy to clean, install and maintain
4. Because of the glass coated with varnish on the bottom, the glass itself is a UV protection against discoloration
5. Anti moisture
6. SGG uses only lead free ceramic frit paints, which are environmentally friendly, to apply the silk-screen pattern onto the glass surface

5MM Colored silkscreen glass usage:

- decorative items, wall coverings
- the perfect complement to the printed glass panels
- fill glass wardrobes
- fill glass door
- Glass table tops
- filling of furniture glass fronts
- glass shelves
- Splash glass panels

Quality:

1. 5mm silk screen printed glass are comply with BS 6206 UK safety glass standard.
2. 5mm silk screen printed glass are comply with EN 12150 CE European safety glass standard.
3. 5mm silk screen printed glass are comply with Chinese Safety Glass Compulsory Certification (CCC)