

Silk screen /ceramic frit glass

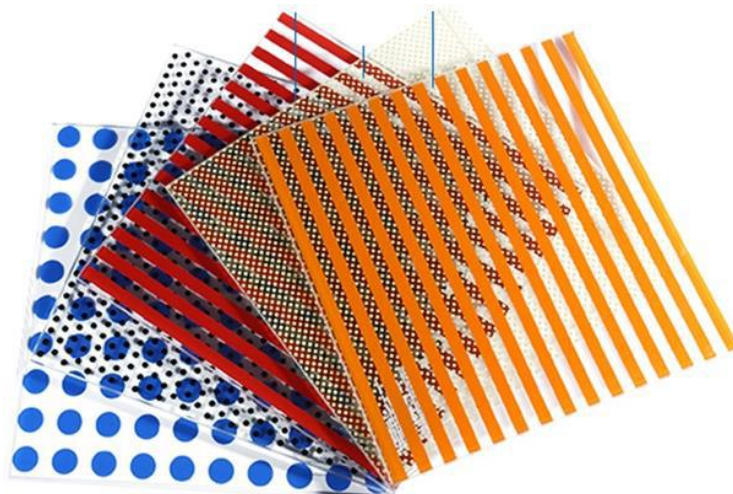
Silk-screening ceramic frit onto glass panels allows designers create unique appearance using patterns and color. Silk screening process is similar as heat treated glass(**tempered** or **heat strengthened**) but before heat treating process,ceramic frit inks is applied to the glass surface by silk screen and the tempering process will bond the inks to the glass permanently ,so different from back painted glass ,the patterns or colors will last lifetime and won't fade or disappear during the glass lifetime.



Ceramic frit glass is widely used in handrails,balustrades,glass spandrel and some areas which require privacy.

When designing with silk-screen patterns, it is important to select the pattern (screen), select the color for the pattern and identify the pattern orientation.

The silk screen patterns include lines,dots,graduated patterns,and custom patterns.Coverage rate can range from 0 to 100% opaque.



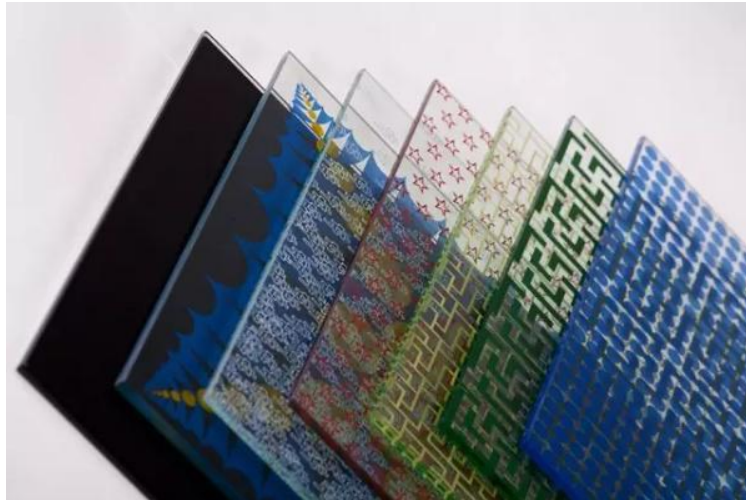
Ceramic frit inks color: Clients are required to specify the RAL color code, we'll adjust the color for you. There's a special color that can be offered by Morn is, we have translucent silk screen inks to simulate **acid etching** effects.

Silk screen side:

For monolithic: Glass surface #2 is recommended.

For **laminated glass** and insulated glass: Surface #2, #3, #4 are all OK.

But please note if applied on **insulated glass** surface #3 or #4, the silk screen can be almost invisible viewing from the outside as the **low e coating** reflective color can affect the ceramic frit color reflectance.



Silk-screened glass improves solar control performance and can be combined with clear or tinted glass substrates, as well as with high-performance coatings to reduce glare and decrease solar transmission.

The shortage of silk screen glass is the patterns and colors are limited, it's can only be used for simple uniform pattern and color applications, if you want multi color and unique patterns on glass surface, please try digitally printed glass as option.

Morn is your turnkey silk screen glass supplier, we offer all kinds of ceramic frit patterns and colors for options, but most times we welcome custom patterns and colors to create unique project.

Tags: **Acid-etching, ceramic frit glass, ceramic frit inks, ceramic frit patterns, digitally printed glass, insulated glass, laminated glass, silk screen glass supplier, Silk screening glass, Silk-screened glass, translucent silk screen**



QINGDAO MORN BUILDING MATERIALS CO.,LTD

Your turnkey China tempered glass/laminated glass/insulated glass supplier

About Morn Building Materials:

Morn Building Materials Co.,Ltd is trading company offering the right facade materials for a wide range of applications for architectural,design and system requirements.Cooperating with China premium glass fabricators,Morn is able to supply whatever glass products applied in facade,Spandrel ,roof ,handrail,partition,balustrade,canopy,greenhouse,sun room ,interior exterior application.

Other facade materials:Aluminium alloy profiles,aluminium plates,aluminium windows&doors,Assa Abloy hardware,spider fitting,railing systems,shower rooms,polyurethane panels,machines&tools,steel structure, are also available since 2019.

From aesthetics, to strict environmental and energy specifications, to critical budget and delivery requirements, our input can make a difference.

Contact us:

Qingdao Morn Building Materials Co.,Ltd

China HQ: Room A304,Shengxifu Road,NO.209 Weihai Road,Shibei District,Qingdao,China,266024

Sales Email: marketing@cnmorn.com

Technical support: han@cnmorn.com

Mobile/Wechat: 0086-17705464660

Website:<https://www.cnmorn.com/>