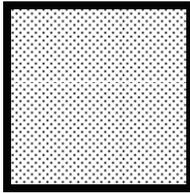
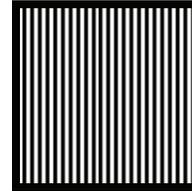


SILKSCREENED PAINTED GLASS

Syracuse Glass Company is fabricating 1/4" clear glass with the industry's two most popular silkscreened painted glass patterns—DOTS and LINES—in a white color.



DOTS—1/8" Diameter Dots on 1/4" Centers
40% Coverage



LINES—1/8" Lines on 1/4" Centers
50% Coverage

Silkscreened painted glass has many uses in either monolithic form or as a component in an insulating unit.

- Interior partitions where a degree of privacy or a decorative accent is desired. The ceramic paint is durable and easy to clean with standard glass cleaning procedures.
- Exterior windows and curtainwalls when combined with clear, tinted, low-e or reflective glass in an insulating unit, silkscreen painted glass can reduce light transmission, glare, and solar heat gain.

Syracuse Glass is fabricating the innovative Dekormat Dekorglass. The ceramic paint is baked onto stock sheets, for local cutting, fabrication, tempering, heat strengthening or laminating.

DESIGN CONSIDERATIONS

In an insulating unit, the silkscreen painted surface can be oriented to the #2, #3 or #4 surface. For optimum solar control in a clear glass insulating unit, the painted surface should be #2. If a solar control coated glass (typically applied to #2 surface) or a tinted glass aesthetic appearance is desired, the silkscreened pattern glass can be oriented to the #3 or #4 surface.

This product should always be heat strengthened or tempered. We recommend a mock up of silkscreened pattern glass insulating units involving spandrel glass or reflective glass components. These combinations may create a moiré pattern. Moiré patterns can be created whenever one semi transparent object with a repetitive pattern is placed over another. Sight motion of one of the components can create dramatic differences in appearance. Moiré patterns are not a cause for rejection.

Silkscreened painted glass is designed to be inspected from a distance of 10 feet. The color of the paint may vary slightly.

SILKSCREENED PAINTED GLASS PERFORMANCE

GLASS SUBSTRATE	VISIBLE LIGHT TRANS	WINTER U-VALUE	SHADING COEFFICIENT	SHGC
Monolithic:				
DOT PATTERN—40% Coverage—White Frit Clear	65	1.03	0.78	0.67
LINE PATTERN—50% Coverage—White Frit Clear	59	1.03	0.73	0.63
Insulating: With clear or (Guardian SN-68 Low-E) outboard lite				
DOT PATTERN—40% Coverage—White Frit Clear (SN-68)	55 (49)	0.47 (.29)	0.62 (.41)	0.54 (.32)
LINE PATTERN—50% Coverage—White Frit Clear (SN-68)	49 (45)	0.47 (.29)	0.57 (.35)	0.49 (.30)

CALL FOR PERFORMANCE IN ADDITIONAL INSULATING GLASS COMBINATIONS.