



# Pearl™ Satin Etched Glass

## Product Description

Pearl™ Satin Etched Glass provides a smooth, pearl-like, translucent finish that offers privacy combined with excellent visible light transmission. Produced utilizing an acid-etch process on clear, low-iron and tinted substrates, Pearl satin etched glass offers full-flood coverage. Perfect for commercial building facades and interior design applications, Pearl™ and can be used monolithically, or as part of an insulating glass units.

## Features & Benefits

- Smooth, uniform factory finish
- Fingerprint and scratch resistant
- Light diffusing with high visible light transmission
- Permanent etched surface that will not degrade, peel or discolor over time
- Broad range of thicknesses and tints available
- Can be heat-treated, laminated or further processed
- Ideal for interior and exterior use
- NO trim on Pearl™ Clear, Clear 2-sided and Low Iron Ultra Satin Etched; other satin etched offer a 0.060 trim

## Resources

CSI 3-Part Specifications available on GGI website and RIB SpecLink. Contact sales representative to discuss custom fabrication capabilities.



Our products are specified in

**SpecLink**

[www.bsdspeclink.com](http://www.bsdspeclink.com)



## Thicknesses Stocked

- 1/8" (3mm)
- 5/32" (4mm)
- 3/16" (6mm)
- 1/4" (6mm)
- 3/8" (10mm)
- 1/2" (12mm)

3/4" (19mm) available upon request. See website for details on low-iron 1- and 2-sided, and other satin etched options.

## Applications

- All-glass entrances
- Cabinetry
- Door lites
- Furniture
- Glass handrails
- Glass marker boards
- Lighting fixtures
- Partition walls
- Shower enclosures
- Table and counter tops
- Wall cladding

## Low Iron, Tinted and Mirror Options

- Satin etched clear, low-iron, and tinted
- Single and double-sided
- Pearl™ Low-iron Ultra for a softer, less opaque finish
- Satin etched mirror
- Standard satin etched designs
- Black available upon request

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# Product Information

## Processing Options

Cutting	Straight	Yes
	Shapes	Yes
Drilling	Holes	Yes
	Notches	Yes
Edgework	Beveling	Yes
	Grinding	Yes
	Polishing	Yes
	Mitering	Yes
Fabrication	Back-painting	Yes <sup>1</sup>
	Bending	Yes
	Digital imaging	Yes <sup>1</sup>
	Heat-treating	Yes
	Insulating	Yes
	Laminating	Yes <sup>2</sup>
	Silk-screening	Yes

<sup>1</sup> Paint non-etched surface only.

<sup>2</sup> Non-etched surface must face the outside of the assembly with PVB or other interlayer to untreated surface.

## Storage

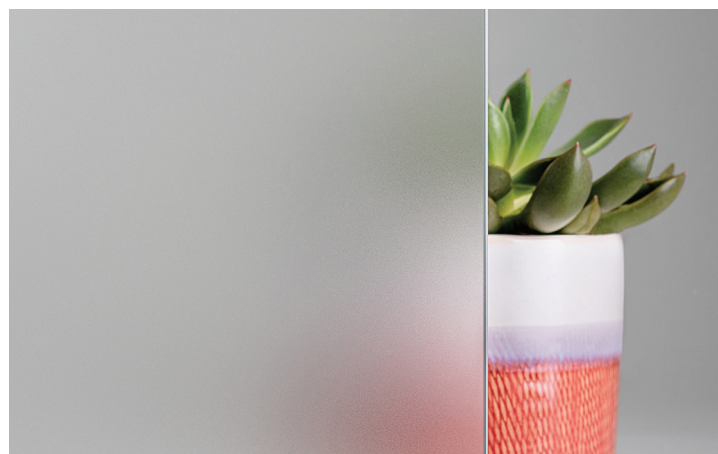
Glass should be stored vertically in a cool, dry, and well-ventilated area. If moisture is detected, separate the sheets and dry immediately.

## PERFORMANCE DATA

	1/8"	5/32"	3/16"	1/4"	3/8"	1/2"
Visible Light Transmission %	86	85.6	86	85.3	84.2	84.6
Visible Light Reflectance %	8	8	8	8	8	8

<sup>1</sup> Performance measurements for satin etched and other decorative glass solutions is limited.

These values should be used as a general guideline only. See Technical Information for additional data.



## Fabrication

It is best to score the non-etched side of the glass. When cutting satin etched mirror or double-sided etched glass, score the etched side [non-painted side] with increased cutting pressure. Make sure to test cutting pressure for best results. After cutting, the glass sheets should be washed to avoid staining from oil residue.

When machine edging, wet the glass before fabrication and wash immediately following to ensure no coolant or cerium oxide residue remains on the glass as it may cause permanent staining.

## Handling & Care

While etched glass resists smudges and fingerprints, it can stain. Make sure to avoid contact with materials such as silicone adhesives, mastics, black felt markers, wax marker, oil and grease. Use a mild non-abrasive solution and apply uniformly to the glass surface with a soft cloth. Immediately dry the glass surface with a lint free cloth.

## Contact us to learn more.

800-431-2042 | [sales@generalglass.com](mailto:sales@generalglass.com) | [www.generalglass.com](http://www.generalglass.com)

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