



SPECIALTY  
ARCHITECTURAL  
PRODUCTS

*Statement Making Products*

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## Design Guide – Etched Glass

### Products

Criteria	Sandblasted Etched Glass Untreated	Sandblasted Glass Utilizing a Sealer	Sandblasted Glass Utilizing a Shield	Satin Acid Etch	Etched Laminated Glass
Cost – translucent.	\$10 – 15 sq ft	\$15 – 20 sq ft	\$15 – 20 sq ft	\$15 – 25 sq ft	\$ 25-55 sq ft
Cost – Custom Designs	\$25 and up	\$20 and up	\$15 and up	\$30 and up	\$35 and up
Design Flexibility	Excellent	Excellent	Excellent	Poor – 650 sq ft minimums More stock designs are available.	Excellent – no carving
Endurance	Poor - Vulnerable to Oils and Finger Prints	Good – <u>must follow maintenance instructions.</u>	Excellent – like ordinary glass	Excellent – like ordinary glass (**Warning – some acid etch is fair**)	Excellent – like ordinary glass,
Durability	Easily Stained	Good – do not use ammonia based cleaners	Good	Excellent to Good – quality varies between Manufacturers	Excellent
Special Treatments	NO	Yes – urethane or polyurethane	Yes – polymeric Resin	NO	NO
Maintenance	Poor	Fair – <u>Special Cleaning instructions.</u>	No Special Maintenance Requirements	No Special Maintenance Requirements	No Special Maintenance Requirements
Warranty	Usually none given	1 year	1-5 years 5+ at additional cost	1-5 years, Standard	Standard 5 years, Will maintain look greater 20 years.

### Ratings Continue on next sheet

Revised 2/24/2016

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	Simulated Etched Products	Ceramic Frit Simulated Etched Products
Cost – translucent.	\$15 – 30 sq ft	\$10 – 20 sq ft
Cost – Custom Designs	\$15 and up	\$20 and up, very poor appearance
Design Flexibility	Excellent	Poor – sq ft minimums
Endurance	Excellent	Excellent
Durability	Good	Excellent
Special Treatments	No	No
Maintenance	No Special Maintenance Req'd	No Special Maintenance Req'd
Warranty	1-10 years	1-10 years

Green = excellent; Orange = fair; Red = poor

Working Definitions:

1. Design Flexibility = ability to transfer your desires into glass.
2. Endurance = appearance after 3 years.
3. Sandblasted Etch Glass – glass that has had its surface layer removed by propellant (e.g., Aluminum Oxide) at pressures varying typically from 10 psi to 50 psi.
4. Acid Etch Glass – glass that has had its surface treated by liquid acids (ex: Hydrochloric Acid).
5. Poor, Fair, Excellent ratings are relative to the products listed and tempered glass.
6. Prices based on 1/4” tempered glass.

Market Advisories.

1. Laminated Etched Products. This product has been available for many years. But it is gaining greater popularity because it affords etched glass the ultimate protection – etched pattern is protected by glass.

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2. Laminated Etched Products, allow designers to form designs or gradient looks within a single glass panel.
3. Only one source for acid etch glass in North America. All other acid etch glasses are imported.
4. Laser etch glass is now coming into the market place. Information about this product is still forthcoming.

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