



SPECIALTY  
ARCHITECTURAL  
PRODUCTS

*Statement Making Products*

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**Design Guide – Textured Glass**

| <b>Criteria</b>                | <b>Rolled Pattern Glass</b>             | <b>Film Based Textures</b>                           | <b>Slump Cast Glass</b>  | <b>Sandblasted Carved</b>              | <b>Thick Glass (Fused)</b> | <b>Cast Glass</b>        |
|--------------------------------|---|--|--------------------------|--|----------------------------|--------------------------|
| <b>Cost</b>                    | <b>\$5 – 50 sf</b>                      | <b>\$50 - \$140</b>                                  | <b>\$95 – 180 sf</b>     | <b>\$150 - 300 sf</b>                  | <b>\$125 &amp; up</b>      | <b>\$150 &amp; up</b>    |
| <b>Availability</b>            | <b>Many patterns – mostly 4mm, 1/8”</b> | <b>Many patterns available, Custom for mold cost</b> | <b>Very Wide</b>         | <b>Artistic – very wide</b>            | <b>Wide</b>                | <b>Wide</b>              |
| <b>Lead Time</b>               | <b>2 to 8 weeks</b>                     | <b>3 to 8 weeks</b>                                  | <b>3 to 6 weeks</b>      | <b>4 to 12 weeks</b>                   | <b>6 to 8 weeks</b>        | <b>4 to 8 weeks</b>      |
| <b>Design Flexibility</b>      | <b>Poor</b>                             | <b>Excellent – plastics as well</b>                  | <b>Excellent</b>         | <b>Excellent</b>                       | <b>Excellent</b>           | <b>Very Good</b>         |
| <b>Endurance</b>               | <b>Excellent</b>                        | <b>Excellent</b>                                     | <b>Excellent</b>         | <b>Good – staining can be an issue</b> | <b>Excellent</b>           | <b>Excellent</b>         |
| <b>Lamination or Tempering</b> | <b>Most require lamination</b>          | <b>Yes</b>   | <b>Yes</b>               | <b>Limited</b>                         | <b>No</b>                  | <b>No</b>                |
| <b>Cleaning</b>                | <b>No special</b>                       | <b>No Special</b>                                    | <b>No special</b>        | <b>Care required</b>                   | <b>No special</b>          | <b>No special</b>        |
| <b>Warranty</b>                | <b>1-5 on lami</b>                      | <b>Texture is stable</b>                             | <b>Texture is stable</b> | <b>Texture is stable</b>               | <b>Texture is stable</b>   | <b>Texture is stable</b> |

**Warranty** – for most textured glasses there is nothing to warranty. The texture will not alter or fade overtime. If the product is laminated that is a different story. Lamination warranties vary from 1-10 years depending on the application and type

Updated – February, 24, 2016

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of lamination material used. Sandblasted Carved products will not typically grant a warranty against being stained.

#### **Working Definitions:**

1. Prices based on 1/4" tempered glass or thinnest available.
2. Design Flexibility = ability to transfer your desires into glass.
3. Endurance = appearance after 3 years.
4. Rolled Pattern Glass – mass-produced decorative glass. The process to form this glass is part of the clear float process – large rollers are used to form the pattern.
5. Sandblasted Carved Glass – process of subtracting glass away to form images or textures. It is a similar process to etch glass but more glass is removed and the process is far more tedious and artistic.
6. Slump Cast Glass – process of using ordinary clear float or low iron glass and placing the glass on molds inside of an oven. Through heat, molds, and gravity textures can be placed in the glass. Sometimes this is called Kiln Glass, Thermoformed Glass, or Cast Glass. The term cast glass in this definition is not the same as molten cast glass.
7. Thick glass is fused product usually made in a kiln (slump cast glass) oven and process. Typically this product is 3/4" or thicker.
8. Poor, Fair, Excellent ratings are relative to the products listed and standard tempered glass.

#### **Market Trends**

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1. Thick glass prices are falling.
2. Film based textured products have arrived. These products are weather resistant and durable. Can be used on glass and plastic substrates and the surfaces are flat. Go to <http://www.igorglass.com/products/dichrolam-textures> for more information
3. Color fusing is becoming more prevalent.
4. Edge Lighting Countertop (Thick glass) is very popular.

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