

## Glass Limitations

Any order exceeding these limitations needs to have an 'Exceeding Limitations Sheet' filled out, approved and attached to the quote and/or order package.

### Weight

Max weight for any one piece is 300 lbs. (60 sq. ft. magnetic glass)

### Edging

Single double

Minimum Size: 9"

Maximum Size: 132"

Single Edger

Minimum Size: 4"

- \* Miters not available on shapes that cannot go on the Single Edger.
- \* Glass must be edged before laminating if tempered but should be done after if it is float.
- \* On shapes the longest dimension of the glass must not be more than 8 times the shortest dimension.
- \* Glass cannot be edged after heat treating to comply with safety codes.
- \* 3mm glass cannot be polished only flat ground

	FG	FP	Miter	Pencil	Bullnose
3mm	X				
4mm	X	X			
5mm	X	X			
6mm	X	X	X	X	X
10mm	X	X	X	X	
12mm	X	X	X	X	X
19mm	X	X	X	X	X

X = Edgetype is available on this thickness

### Fabrication

- \* Hole diameters cannot exceed 1/3 of the narrow measurement of the glass.
- \* Fabrication cannot be more than half the shortest dimension of the glass.
- \* All fabrication must be provided by dimensioned drawing or cad file. NO TEMPLATES ARE EXCEPTED.

### Radius

CNC - Minimum Radius 70mm- For Shapes

## Painting

Float Maximum Size: 60 x 144

Tempered Maximum Size: 74 x 144

- \* The only tested installation materials are DOW 795 and 995
- \* LCBA is only for interior use and never where paint is exposed to foot traffic.
- \* All custom color must have an approved control sample.
- \* Some colors may require a barrier coat depending on the transparency of the pigments (Ask the lab).
- \* Some colors may only be matched on low iron glass. (eg. Starphire)
- \* If paint is to be put on the textured side of pattern glass it should be metallic or the texture will disappear.

## SilkScreening

Pattern Maximum Size: 74" x 130"

Flood Maximum Size: 74" x 130"

- \* Ceramic Frit may not be applied to the tin side of glass. This includes the smooth side of acid etched glass.
- \* Custom patterns must have an approved sample prior to production.
- \* Ceramic frit that is to be back painted after must be greencured before tempering.
- \* Not all colors can be matched in house.
- \* Some colors may contain lead (Reds, yellows, purples)

## Tempering

	3mm	4mm	5mm	6mm	10mm	12mm	15mm	19mm
Maximum Size	34 x 76	36 x 80	84 x 120	84 x 144	84 x 144	84 x 144	84 x 144	84 x 144

- \* 15mm and thicker must be flat ground or polished before tempering
- \* Minimum Size: 18" on diagonal
- \* Not all coated glass is temperable, find out before specifying

## Laminating

Minimum Size 8" x 8"

- \* Minimum Resin thickness is 060
- \* Small glass with 10mm glass and thicker should be done tapeless
- \* Exterior applications with exposed edges must be done tapeless if using resin
- \* For tapeless lami the glass must be polished first.
- \* Pattern glass must be approved for Tapeless lami

**Technographic / EVA / PVB / SGP**

Technographic Max Size: 59 x 144

EVA / PVB Max size: 84 x 144

SGP Maximum Size: 84 x 120

\* Technographic must be float glass

**Additional Information**

- 6mm (1/4") Glassboard weight per square foot:  
Non-Magnetic - 3.27 lbs  
Magnetic - 5.0 lbs
- Size Limitations based on unfinished sizes; actual finished sizes will be slightly smaller.
- Large projects (small boards) contact eisys about 5 square feet minimum rule.