



DIGITAL PRINTING

Digital Printing Technology

- * The maximum size of the image to be printed is 2140 x 4000 mm
- * 6 base colors (Cyan ; Magenta ; Yellow ; Black ; Green ; White) and their mixes are available
- * Colors are opaque in nature, only pure blue is translucent (transparency of the prints depends on the quantity of ink and number of print head passes)
- * Ceramic paints are burnt to the surface of the glass in the hardening process
- * The end product lasts UV radiation, moisture, abrasion, mechanical shocks and heat shocks
- * Digitally printed glass can be used both in the exterior and indoors
- * The maximum available print resolution is 720 x 1440 dpi



Material requirements

- * The print file can be in either RGB or CMYK color mode (but CMYK is preferable)
- * Project must always be 1: 1 in real size (plus 2mm bleed at every side to avoid edges of the glass without paint)
- * Projects can be supplied as a pdf ; ai ; psd or tiff files.
- * If project includes text then fonts should be included or letters should be changed into vector shapes
- * Projects shouldn't contain any cropmarks ; lines of measure ; machining or drawing numbers etc. - only data that should be on the final printed glass
- * measurements and any additional information about the projects should be included in separate file
- * Image files should be named in a congruent way with the ordered glass panels so that it is unambiguous which file is printed on which glass
- * For projects with multiple glasses it might be worth adding a small identifier for example in the lower right corner of each file, this easier installing glasses in the facility (and possible replacements of the damaged ones)

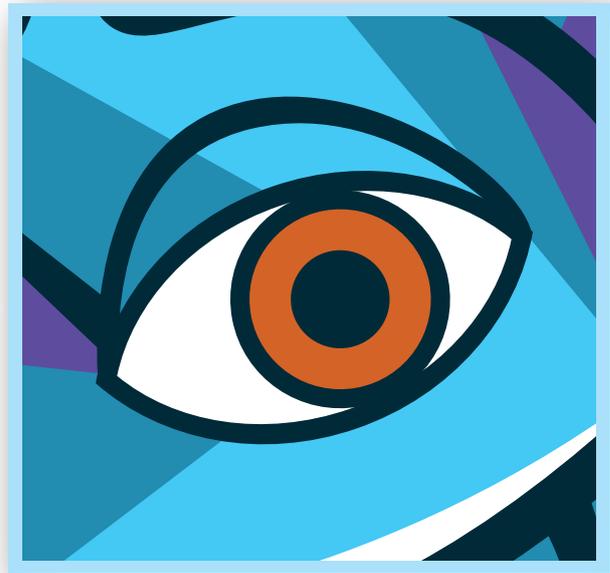


Vector Graphics vs Raster Graphics



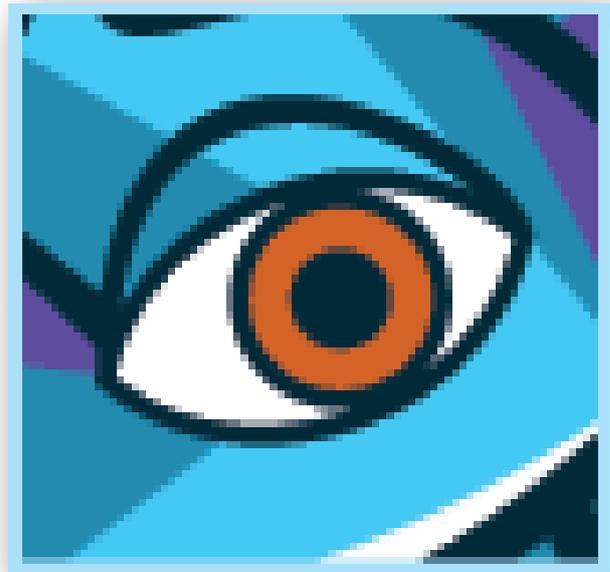
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* Where possible, vector projects are preferred (e.g. for logos, geometric patterns, text ...), because they are scalable to any size without lost of the quality (pdf and ai files are accepted)

* The required resolution of the raster graphics (e.g. photos) depends on the viewing distance of the glass panels ;

- for short distances (e.g. doors, kitchen spaces, partitions) - 300 dpi

- for long distances (e.g. facade glasses) - 150 dpi (or even less)

* Raster graphics can be supplied as a pdf ; psd or tiff files

Data transfer and additional info

- * Projects can be sent to Starglass by e-mail if the file size is smaller than 10 MB
- * If the file size is bigger then Internet data transfer services such as Wetransfer or Dropbox are recommended
- * Projects may also be delivered on CD or DVD or flash drive
- * Because colors on various monitors looks different (because of lack of calibration, different quality of the monitors ...) and the printing device has its own color management, it is imposible to show to the client the final coloristic of the printed project - thats why Starglass recommend the manufacture of a sample glass before the final color selection.



