

ImagenGlass™

Jockimo | Advanced Architectural Products

Jockimo ImagenGlass™ is high quality imagery applied to PET foil, utilizing special photographic quality dyes, which is laminated inside of glass to meet ASTM standards. Other products appear grainy or dirty due to the printing processes used but ImagenGlass™ provides a higher quality color range and color intensity than any conventional printing process. The ImagenGlass™ process provides a depth of color unlike any other printed image glass product on the market and enables interior designers and architects to fulfill their wildest dreams in the field of imagery in glass.

ImagenGlass™ can be fabricated in thicknesses of 5/16", 3/8", 1/2", 3/4", 1", etc., for the desired strength, depending on the application. It can also be provided as insulated glass units, glass flooring, fire rated glass, and other specialty decorative glasses.

Maximum image size - 56" wide, 120" long



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The ImagenGlass™ process is resolution-intensive and requires the highest resolution imagery available in order to produce the best possible outcome.

FILE FORMATS & COLOR MODE:

ImagenGlass™ requires CMYK artwork – (Cyan, Magenta, Yellow & Black). Files supplied in LAB, CIE or RGB format will be converted to CMYK by our operators.

Raster – Images from Cameras, Image Libraries, etc.

The preferred file format is a Photoshop file (psd) but most major bit-map file formats are also supported including high quality PDF, high quality Jpg & EPS from any main-stream bit-map graphics program.

Vector – Suitable for artwork patterns, designs and type.

ImagenGlass™ uses a full Postscript workflow, handling file formats of Adobe Illustrator (preferred), Corel Draw & Macromedia Freehand. Vector artwork (without containing any digital images) is scaleable to any size at our maximum printing resolution. ImagenGlass™ prefers any type to be “outlined” or converted to paths. If this is not possible then vector-based files require that the client supply all the fonts used.

FILE SIZE & RESOLUTION

300 DPI files are recommended for optimum image quality.

The suggested image sizes at 300 DPI (shown in the table at the right) can be achieved by scanning conventional large format (4x5 or larger) transparencies in high resolution. This will achieve a stunning result.

It is clear that ImagenGlass™ clients will not always have access to a large format transparency. So how can you get images that will look fantastic but do not have the pixels?

1. ImagenGlass™ clients could use images from stock photography libraries — many have images up to 80 Mb (RGB colour space). 80 Mb images will give a fantastic result and have been successfully used in many large panel projects (above 2400 mm x 1220 mm).
2. ImagenGlass™ clients could use photographers who have access to High Pixel digital cameras. For example, Hasselblad makes a 39 megapixel camera that produces a 112 Mb (RGB colour space) that gives excellent results. A new 50 megapixel camera has just been released and 60 megapixel camera to be released soon.

The larger the file size, the sharper the result.

We have produced, a 2 x 1 metre panel for a client from a 2.3 megapixel camera with very acceptable quality! To guarantee quality and prove the suitability of the image for use, ImagenGlass™ provides an A3 film sample of the overall project and a sectional A3 film sample at the final size so the ImagenGlass client can approve the result before the Final ImagenGlass insert film is produced and laminated into the glass panel(s).



File Size Guidelines

Panel Dimensions	File Size	Mega pixels
36" x 24"	320 MB	70 mp
48" x 36"	640 MB	140 mp
96" x 48"	1550 MB	415 mp

The above sizes are guidelines based on typical, uncompressed CMYK PSD image files. Depending on the complexity of the image, file sizes can be different.



Proofing:

To guarantee quality and prove the suitability of the image for use, ImagenGlass™ provides an A3 Film sample of the overall project and a sectional A3 film sample at the final size so the ImagenGlass™ client can approve the result before the Final ImagenGlass™ insert film is produced and laminated into the glass panel(s).

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