> DESIGN **GUIDELINES**

PixaGraphic™

Viridian
we ♥ glass

PixaGraphic

Overview

Viridian PixaGraphic™ is a state of the art decorative glass product, manufactured using ceramic coated ink which is printed directly onto the glass.

The PixaGraphic™ manufacturing process combines hardwearing, ceramic inks, with the very latest direct print on glass digital printing technology.

› PixaGraphic™ transforms glass into a creative medium without limitation

The inks fuse to the surface of the glass during the toughening process, creating a durable finish.

PixaGraphic™ transforms glass into a creative medium without limitation- printing all kinds of custom designs and artworks, in brilliant colour and high resolution detail from a standard quality of 360dpi, to a high-quality print of an industry leading 1440 dpi.

Colour matching

Unlike other wide format printers that use 4 spot colour CMYK (Cyan, Magenta, Yellow, Black) to achieve full spectrum of colours,

PixaGraphic™ uses a 6-spot colour (BRYKGW) specific to ceramic ink.

Pantone or CMYK colour mode files are preferred and will provide better results.

Note: RGB files will need to be converted into a CMYK colour mode prior to submission to Viridian. The conversion of colour mode might slightly affect the final aspect of the colours. Viridian cannot guarantee the same colour accuracy as the traditional 4 colour process. Please supply colour swatches, if possible.

Ceramic inks do not offer magenta; therefore, some colours such as pink and purple are not possible to print. We are also unable to produce a bright red.
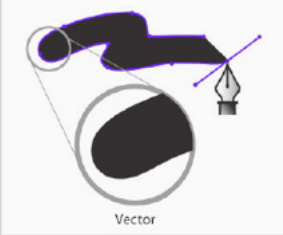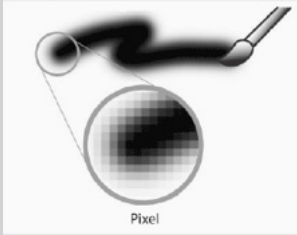
If artwork includes these colours they will be shifted to the closest match within the ceramic ink colour spectrum.

If these colours are a significant part of your artwork, we recommend requesting a sample for colour checking.

Due to variations in glass substrate and inks batches, replacement panels may exhibit a slight colour variation.

File Requirements: VECTOR/RASTER GRAPHIC

Viridian's in-house expertise will ensure that PixaGraphic results in the best quality image for supplied files.

	VECTOR	RASTER	
	Formed by various shapes	Comprised of pixels	
Description	Vector	Pixel	
Scale	Scalable (Ideal for large scale print)	Loses quality when scaled up (highest resolution recommended 1:1 scale)	
Format	AI, EPS, PDF, DXF	PDF, JPEG, TIFF, PSD, PNG	
Colour Mode	CMYK preferred (RGB acceptable)	CMYK preferred (RGB acceptable)	
Resolution	-	Minimum 300ppi	Optimal 300 to 1440ppi

Please note: We do not have in-house artist and the design expertise to create complex files from inception.

Viridian can work with a wide variety of file formats. However, a high-resolution PDF is recommended.

A file scale of 1:1 at 300 DPI will ensure an acceptable outcome. It is recommended that files should be a minimum of 50 MB.

Types, logos and illustrations should be provided in a vector format. Please provide convert types to outlines.

For gradients and vignettes use graduated blends instead of step blends to avoid banding.

Some file formats will show artwork with a white background (paper colour). If a white background is required, please indicate in Pink.

If a transparent background is required, please leave the file as is.

Please ensure supplied artwork has an allowance for 2mm bleed.

Print ready files should be submitted to Viridian via 'We transfer' (wetransfer.com/) for review and send to pixagraphic@csr.com.au

Transparency

Viridian's PixaGraphic range offers different options of print drop sizes to ensure processing flexibility with respect to precision and opacity.

Essentially, we can adapt brilliantly to the type of print being done to meet individual requirements.

The level of opacity must be specified at time of order. If you require a certain level of transparency with a raster file (photography) we will still need the file supplied in 100% opacity. Please do not change the opacity of the raster file yourself.

Note: For applications such as wall cladding and splashbacks, an extra layer of paint is necessary to ensure better opacity.
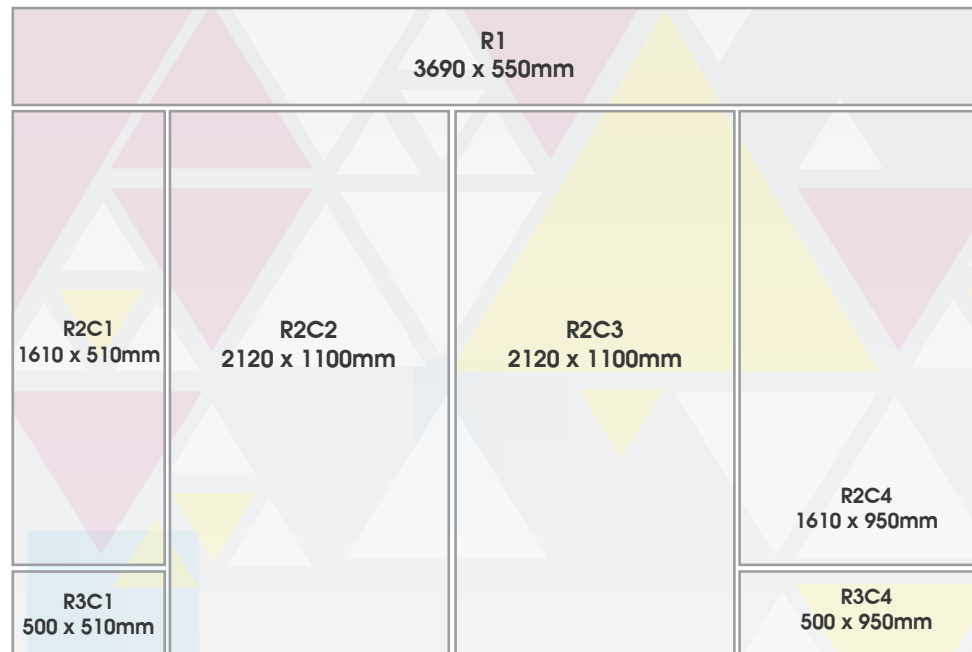
Registration

Viridian requests clear layout instructions to ensure orders are processed correctly. (An overall low res proof will be required).

A separate file for each panel should indicate the dimensions (height x width) and have an individual identifier. Please provide the distance (glass edge to glass edge) between each panel.

For example, if artwork spans across 4 panels then 4 artwork files are required. We request external views are shown on the proof.

If the artwork is to be used across multiple panels, please specify these details in your order.

R1 3690 x 550mm			
R2C1 1610 x 510mm	**R2C2** 2120 x 1100mm	**R2C3** 2120 x 1100mm	**R2C4** 1610 x 950mm
R3C1 500 x 510mm			**R3C4** 500 x 950mm

Viridian will provide a digital proof to confirm positioning and layout. Customer sign off must be received prior to order commencement.

Please ensure allowance is made for framing or any other installation methods that may impact the overall artwork.

Legal Disclaimer:

You, the customer:

1. Acknowledge and warrant to Viridian that you are the owner of any image/artwork you have submitted for reproduction by Viridian,

or are licensed to use the image/artwork in the manner described in this Order;

2. Licence Viridian to reproduce the submitted image/artwork for the purpose described; and

3. Indemnify Viridian in respect of any third-party claims resulting from or related to your failure to have the rights referred to above.