



DESIGNER

PixaGraphic™ Design Guidelines

Overview

These guidelines detail important design considerations and information specifically related to artwork creation aligned to the PixaGraphic™ product processing requirements and machine outputs, and are provided in conjunction with other processing related information.

Colour Matching

Unlike other wide format printers that use 4 spot colour CMYK (Cyan, Magenta, Yellow, Black) to achieve the full spectrum of colours, PixaGraphic™ uses 8 spot colours that are specific to the ceramic inks.

Notes:

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

- RGB files need to be converted to CMYK colour mode prior to submission to Viridian.
- Viridian cannot guarantee colour accuracy from converted colours, colour swatches preferred.
- All colours will be converted to the closest match within the ceramic ink colour spectrum. We recommend requesting a sample for colour checking.
- Ceramic inks do not offer magenta; some colours such as bright pink and vivid purple are not possible to print. Alternative solutions can be provided for vector designs.
- Ceramic inks do not contain lead; bright red is unable to be produced.
- Due to variations in glass substrates and ink batches, replacement panels may exhibit a slight colour variation.



Transparency

PixaGraphic™ offers different print drop sizes to accommodate levels of opacity.

The level of opacity must be specified when the artwork is submitted to the Viridian PixaGraphic™ design team.

If you require a certain transparency levels with a raster file (photography) we still require the file supplied in 100% opacity. Please do not change the opacity of the raster file yourself.

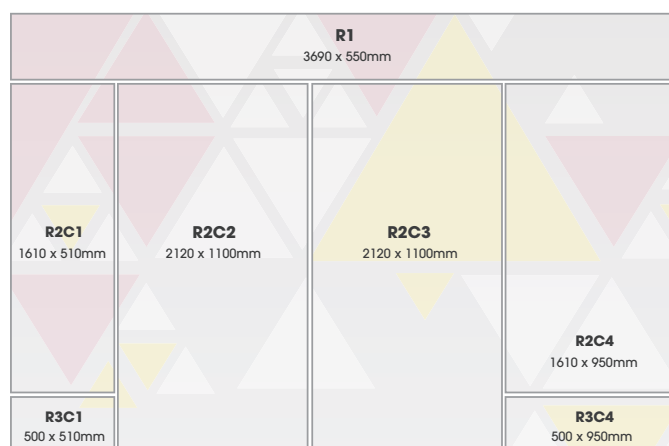
Note: For applications such as wall cladding and splashbacks, an extra layer of paint is necessary to ensure better opacity.

Registration

Viridian requests clear layout instructions to ensure orders are processed correctly.

A file outlining the overall design and separate files for each panel are required and should indicate the dimensions (height x width) with an individual identifier, and please allow for framing or any other installation methods that may impact the overall artwork.

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 request.

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

File Requirements

The PixaGraphic™ design team are available to ensure the best quality for your supplied files, but to assist this process we have outlined our Vector and Raster requirements below.

	VECTOR	RASTER
	Formed by various shapes	Comprised of pixels
Description		
Scale	Scalable Ideal for large scale print	Loses quality when scaled up (highest resolution recommended 1:1 scale)
Format	AI, EPS, PDF, DXF	PDF, JPG, TIFF, PSD, PNG
Resolution	-	Min 300ppi Optimal 300 to 1400ppi

Notes:

- The PixaGraphic™ design team assist to convert provided artwork into output requirements, they can create artwork from inception; however, additional charges and extended lead times will apply.
- Minimum file size of 50 MB.
- Types, logos and illustrations should be provided in a vector format.
- Provide convert types to outlines.
- For gradients and vignettes use graduated blends instead of step blends to minimise banding.
- White backgrounds must be indicated in Pink and clearly outlined, transparent backgrounds can be left as is.
- Artwork must have a 2mm bleed.
- Print ready files should be submitted to the PixaGraphic™ design team via email pixagraphic@viridianglass.com.