Axolotl

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SPECIFICATION GUIDE – MIRO GLASS

Miro offers the ability to reproduce almost any image in full colour and high-resolution format. The image is protected by the laminated nature of the product. Miro features a central interlayer that can be digitally printed. The interlayer can be clear, translucent or a pure white opaque finish.

Uses

Miro is ideal for screening where the transmission of light is still required. Miro is ideal for partitions where the desire is to offer a sense of privacy whilst still allowing light and movement to be evident. Miro can be used for balustrades, feature walls, splashbacks and other applications where vibrant details are required.

Designs

Axolotl also offers custom designs, where almost any image or design can be printed to the interlayer. Refer to our artwork requirements below.

Manufacturer: Axolotl Group Pty Ltd

Process: Miro

Glass type: Clear, Clear Frost, Low Iron, Low Iron Frost, Bronze, Bronze frost. Grey, Grey Frost, Green, azurite, Diamante, Clear Mirror, low Iron Mirror, Grey Mirror, Arctic Blue, Lustre (Onyx, Sapphire, Pearl, Graphite, Pearl, jade)

Treatment: Toughened laminated, annealed laminated, toughened/annealed laminated

Thickness: 11.52mm, 13.52mm, 21.52mm, 31.52mm

Transparency: Clear, soft white, opaque

Panel sizes:

Qantity:

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Pattern/Texture:

Effect: Mirror back, Matt Blast face 1 (MB1), Matt Blast face 2 (MB2), MB1 & MB2, MB1 and metal, MB2 and metal, Deep Carve face 1 (DC1), Deep Carve face 2 (DC2), DC1 + DC2, DC2 + paint, DC1 + MB2 100%, DC2 and MB1 100%, colour back, Shimmer back, translucent, soft white, pure white, clear.

Colour: Paint colour, metal colour/aging, image colour(s)

Edge Type: Flat grind, belt arris, flat polish, water jet cut.

As an example for a Glass Link sample you would write;

Manufacturer: Axolotl Group Pty Ltd
Process: LINK
Glass Type: Low Iron
Treatment: Annealed laminated
Thickness: 13.52mm
Panel sizes: 1200 x 1800mm
Quantity: 30
Pattern: Custom Brickbond
Transparency: Clear
Effect: N/A
Colour: As per supplied artwork
Edge Type: Flat polish
To approved artwork

Axolotl Miro Artwork and File Submission Guidelines

The following document outlines the artwork submission requirements for each Axolotl Miro Insert .

Artwork Resolution and Maximum size

For optimum reproduction quality, image files should be supplied at 300 PPI (Pixels Per Inch) or more at the final application dimensions. At Axolotl we never waste your pixels. The more pixels you send the sharper the result.
For all artwork a hardcopy printed proof or spot colours should be provided in one of the universal colour systems such as PMS.

Maximum Miro Insert width is 1550 mm / 61 Inches.

Colour Mode

Miro's colour mode for artwork to be supplied in is CMYK.
Any supplied RGB or Pantone artwork files will be converted to CMYK.

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File Formats

Axolotl can accept both raster and vector format artwork.

Where raster format artwork is supplied, such as where digital files have been produced by digital cameras or alternatively high resolution scans of film of the Copy, the preferred file format is PSD, PDF, TIFF or JPG (Resolution: Maximum Quality). For all file formats, ensure that minimal file compression is applied to files.

Where vector format artwork is, such as where artwork has been illustrated, then any text should be outlined or converted to paths. Additionally, all fonts should be supplied.

Please save files as EPS and PDF.

Note: Vector artwork is scaleable to any size at the maximum resolution/quality.

Image Bleed and Crop Marks

All artwork files should include a minimum image bleed of at least 10mm or 1/2", applied to all edges of each artwork file. In addition, crop marks should be placed at the edge of the bleed on all edges of artwork.

Labeling of Artwork Files

The Miro production department will endeavor to match any glazing or panel labeling system as supplied.

Samples

To assess the quality and suitability of artwork for each project, Axolotl will supply a number of project samples from supplied artwork. The samples should generally include a cropped sectional sample at 1:1. The desired sample size(s) is to be agreed upon per project.

Sample artwork files should be submitted in the same manner as final project artwork.

Submitting Artwork

Generally speaking, high resolution artwork files are large in file size. We have found that and prefer the most convenient method to supply artwork to us is via CD/DVD/Memory Stick or Electronic FTP service (for example: www.wetransfer.com). Where an FTP service is used, the related FTP notification should be sent to the Axolotl production department email address: art@axolotl.com.au including an appropriate reference such as the relevant purchase order number. In addition, the related Axolotl sales representative should desirably be copied (cc) on any email communications / notices.

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Installation

Miro can be installed into any standard glazing suite that is suitable for the selected glass thickness. Miro is a laminated glass, so edges should be protected to minimise the risk of de-lamination (see 'Laminated Glass' heading). Care should be taken when installing clear and translucent Miro as the method of fixing can be seen from both sides. Applications that requires holes or cut outs must use toughened/toughened laminate and care should be taken when selecting glass that may be exposed to heat (splashbacks) or high heat differentials (windows with curtains etc). Do not immerse glass in water or use in areas when water may penetrate the glass, as glass may delaminate.

Artwork

Please see separate technical page for all artwork requirements.

Visual Inspection

The quality of the printed interlayer is directly relevant to the quality of the artwork provided (see separate sheet for artwork) and large images can appear pixelated when compared to the original artwork. Colours may also appear 'washed out' if poor quality artwork is supplied. Glass must be inspected prior to being installed and Axolotl Ozone to be advised immediately of any defects, prior to final installation being performed.

Care Instructions

Miro can be cleaned with almost any household cleaner. Axolotl Ozone however recommends cleaning be undertaken with a soft, damp cloth during normal cleaning cycles. DO NOT USE abrasive or harsh cleaner, scouring pads, steel wool etc as this may permanently damage the glass.

Variation to colours

The overall colour can vary slightly from batch to batch due to slight variations in the source glass colour.

Toughened Glass

All toughened glass supplied by Axolotl is toughened in accordance with Australian Standards AS/NZS 2208:1996 : Safety Glazing Materials in Buildings. Toughened glass can also exhibit some bow or warpage and supplied panels are within Australian Standards. Please see our technical sheet for "toughened glass' for additional information.

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Laminated Glass

All laminated glass supplied by Axolotl is laminated in accordance with Australian Standards AS/NZS 2208:1996 : Safety Glazing Materials in Buildings. Laminated glass can exhibit delamination to the edge of the glass that is more noticeable when the glass edges are exposed. The extent of the delamination will depend on the glazing application and location but generally will not extend and further than 10mm in from the glass edge. Delamination is not detrimental to the strength or performance of the glass. If delamination is a concern, we recommend that the glass be fully framed. Please see our technical sheet for “laminated glass’ for additional information.

Size Tolerances

Processed glass has a finished tolerance of ±1mm, except where templates may be used to provide original sizes. In the case of templates sizes may vary by ±3mm from the original template.

Website

Due to the evolving nature of all our products we recommend that up to date information be sourced from our website (www.axolotl.com.au/technical and we accept no responsibility if outdated technical information has been used. We also recommend viewing our standard terms and conditions, also featured on the website, when selecting product for individual use.