

SPECIFICATION DATA SHEET – GRID GLASS

For the information of Specifiers and Trades

Product Description

GRID is a highly customisable architectural glass product that incorporates a structured linear pattern—using either flat, formed, or carved glass as the base—and can be further enhanced with inlaid Axolotl applied metals. GRID offers a modern, geometric aesthetic with limitless design flexibility, making it ideal for both decorative and functional applications.

Each grid unit can be customised with bespoke individual processes, such as frosting, etching, colour (for internal use only), or Axolotl's signature 3D printing. The result is a visually striking surface that combines craftsmanship with architectural performance.

Glass types and colours

GRID can be applied to all standard glass types including Starphire, clear float, grey float, bronze float, and azzurlite.

Any colour can be incorporated into individual grid sections using our Spectrum colour print option (for internal applications only).

Glass Size and Thickness

GRID is available in the following thicknesses:

- 6mm minimum thickness (flat applications only)
- 8mm, 10mm, 12mm, 15mm and 19mm (formed or carved applications)

Panel dimensions are subject to standard glass sheet sizes and the specific forming or carving technique applied.

Installation

GRID glass can be installed using conventional glazing methods appropriate for the nominated glass thickness, including installation into glazing channels or point-fixed systems using commercially available hardware. Please confirm the suitability of the proposed fixing method with your installer or an Axolotl representative.

Customisation Options

- Flat, Formed or Carved Glass
 - Axolotl Applied Metal Inlays – Available in any Axolotl Applied metal surface
 - Frosted or Etched
 - 3D Emboss – Can be used in external windows on the interior face
 - Spectrum – Internal use only – the colour is not UV stable
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Visual Inspection

GRID glass should be visually inspected from a distance of 3 metres under normal lighting conditions. Minor imperfections that are not visible from this distance will not be considered a defect.

All panels must be thoroughly inspected upon delivery and prior to installation. Installation constitutes acceptance of the product's visual appearance and condition. Any concerns regarding damage, finish quality, or manufacturing defects must be reported to Axolotl before installation. Claims for visible defects identified after installation may not be accepted.

Colour Variation

All Axolotl products are handcrafted and may exhibit minor variations in colour, texture, or pattern due to the nature of the base materials and the process. Lighting and panel size can also affect appearance.

Toughened Glass

All toughened glass complies with AS/NZS 2208:1996 Safety Glazing Materials in Buildings. Please allow for minor warping or bowing within acceptable tolerances as per Australian Standards.

Artwork Size Tolerances

Final product tolerance is $\pm 2\text{mm}$. If templates are used, variation may be up to $\pm 3\text{mm}$.

Pattern Variation

Due to the handcrafted nature of Axolotl GRID, slight variations in the pattern layout or metal inlay may occur from panel to panel and are not considered a defect. All drawings and patterns remain the property of Axolotl Group Pty Ltd and are protected by copyright.

Website

For up-to-date technical documents, refer to the downloadable 'Glass Specification Guide' at axolotl.com.au/technical. Axolotl is not liable for outdated specifications used in documentation or tender.

Care and Maintenance Instructions

GRID glass incorporates a range of Axolotl surface finishes and applied metal treatments within a single glass panel. As these finishes differ from standard glass, conventional glass cleaners such as Windex®, or other ammonia-based cleaning products, are not suitable and may damage, discolour, or remove the applied surface treatments.

Do not use:

- Glass cleaners
- Solvents or thinners
- Caustic or alkaline cleaners
- Acid-based cleaners
- Abrasive cleaners, scouring pads, steel wool, or abrasive cloths

To clean the surface:

1. Remove dust and loose debris with a soft, lint-free cloth.
2. Clean using a soft, lint-free cloth dampened with clean water and a mild pH-neutral detergent, such as a dishwashing liquid.
3. Rinse thoroughly with clean water to remove any detergent residue.
4. Dry immediately with a clean, soft, lint-free cloth.

Clean as required to prevent the build-up of dirt, dust, salts, pollutants, or other surface contaminants. Prompt removal of contaminants will assist in maintaining the appearance and longevity of the applied finish. Failure to follow these care and maintenance instructions may affect the appearance of the finish and may void applicable warranties.

Application

GRID glass is suitable for both internal and external applications. Where Axolotl Spectrum Colour printed finishes are incorporated, these are intended for internal applications only, unless otherwise approved in writing by Axolotl. External installations in coastal or industrial environments should be cleaned more frequently to remove salt and airborne contaminants.

NOTE FOR SPECIFIERS

Please attach this data sheet to tender and specification documents for use by all relevant trades.

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