LandsonGlass

Screen Printed DecoGlass® Range

The future of glass supply

Landson Glass, a long established and highly trusted glass importer, has been servicing the glass, glazing and window industries in Australia and New Zealand for over 16 years. As a premium glass processing and manufacturing company, Landson Glass' extensive range of products feature widely throughout Australasia's residential and commercial buildings – from architect-designed dwellings to landmark commercial projects.

Colours

RAL 3001 Crimson	RAL 2008 Tangerine	RAL 1018 Lemon	RAL 6001 Forest	RAL 5017 Cobalt	RAL 6027 Ocean
RAL 9002 Pale Eucalyptus	RAL 1013 Cream	RAL 7044 Light Stone	RAL 7004 Warm Grey	RAL 6011 Moss	RAL 8028 Bark
RAL 9010 Stark White	RAL 9003 Early Mist	RAL 7035 Shale Grey	RAL 7040 Steel Grey	RAL 7024 Charcoal	RAL 9004 Midnight

Screen Printed DecoGlass

DecoGlass is a premium quality coloured glass with a non-porous, non-toxic surface that is both scratch resistant and colourfast.
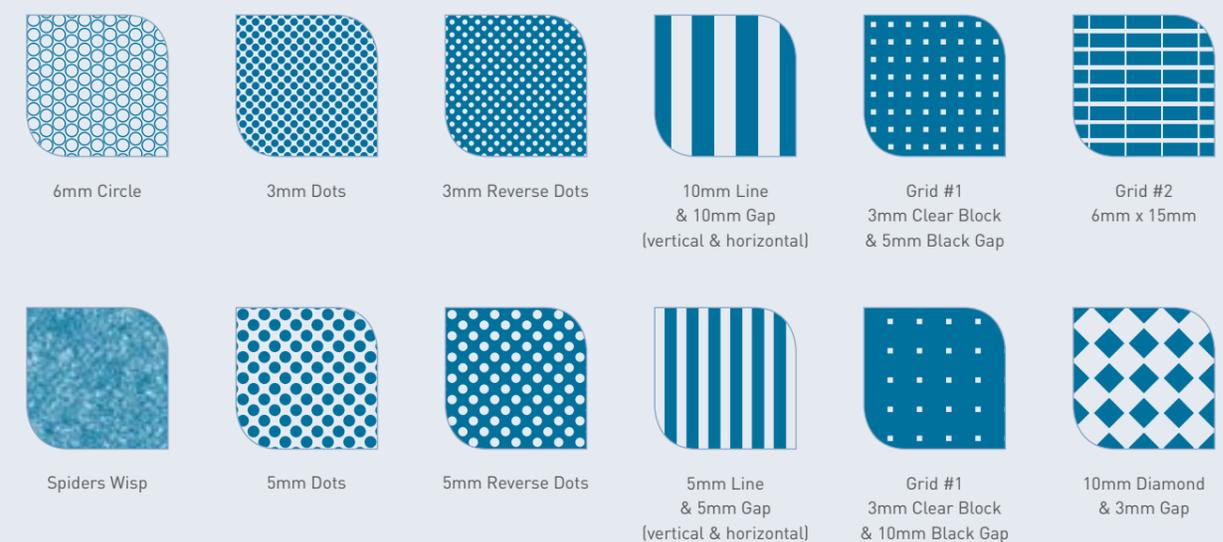
It is manufactured by screen-printing ceramic frit enamels onto one side of either float or low iron glass. The coated glass then undergoes either toughening or heat strengthening.

This heat treatment fuses the ceramic into the glass surface and is so permanent that colour cannot be removed without damaging the glass substrate.

The versatility, colourfastness and capacity to withstand extremes of conditions – DecoGlass is capable of withstanding temperature differentials up to 250°C – make DecoGlass ideal for many interior and exterior finishes.

Specifications	
Min Size	300 x 300mm
Max Size	4500 x 2440mm
Min Thickness	6mm
Max Thickness	19mm
Information	Frosted or opaque Ceramic frit enamel

Patterns

6mm Circle	3mm Dots	3mm Reverse Dots	10mm Line & 10mm Gap (vertical & horizontal)	Grid #1 3mm Clear Block & 5mm Black Gap	Grid #2 6mm x 15mm
Spiders Wisp	5mm Dots	5mm Reverse Dots	5mm Line & 5mm Gap (vertical & horizontal)	Grid #1 3mm Clear Block & 10mm Black Gap	10mm Diamond & 3mm Gap

All colours and designs shown are indicative only. Landson Glass recommends sample requests to ensure accuracy. Colour matching is required for any selection outside the standard colour palette. It is recommended alternative colours be only selected from the RAL Colour Standards. The printed samples shown are indicative of the design variations available. Samples are not to scale.
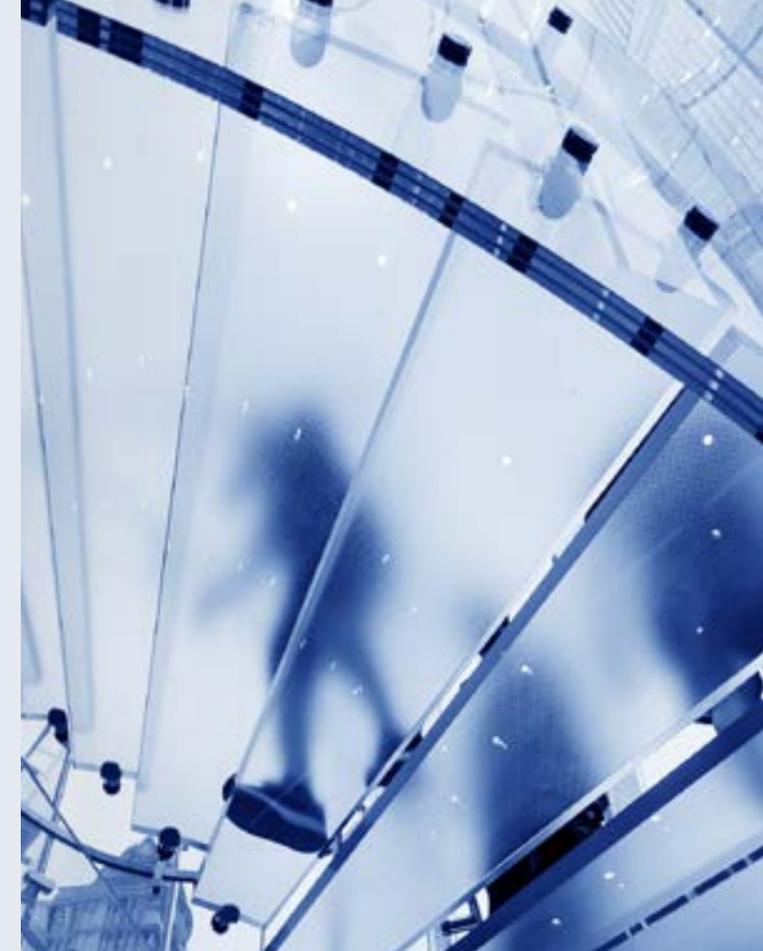
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Supply and Installation

DecoGlass is custom made and supplied with arrised edges. They cannot be cut, ground or worked in any way, so it is important to order the exact size for your installation. The panels are easy to install, provided the following recommendations are adhered to.

The ceramic coating makes DecoGlass substantially opaque but care should be taken to avoid back lighting. Glazing techniques should provide an adequate seal. DecoGlass should be glazed in accordance with Australian Standards AS 1288.

Setting blocks and distance pieces should be used as indicated by the Australian Standards 1288 to ensure centering of panel in the frame and to prevent edge contact between the glass and metal.

Exterior Applications

In exterior applications DecoGlass is generally used for spandrel panels, canopies or full glass facades. It offers architects and designers the opportunity to either match or contrast vision panels through colour.

DecoGlass is most commonly used as cladding to obscure structural work from view. It allows architects and designers a cladding material where colour; impact and design are essential requirements.

We recommend heat strengthening when specifying DecoGlass for spandrel panels. This ensures panels remain in place in the occasional event of breakage.

Interior Applications

For interior finishes DecoGlass creates a high quality finish for decorative privacy screens, wall cladding and splashbacks for kitchens or bathrooms.

Colour and Design

DecoGlass is available in a standard designer palette of 18 colours. Additional colour choices can be made from the comprehensive RAL Colour Standards and more specific colours matched on request.

DecoGlass can be manufactured with other glass products and processes to produce unique and creative products incorporating elements of design and colour.

Our highly specialised precision processing and edge treatment equipment. including state of the art CNC machines, allows complex applications incorporating shapes, holes and cut-outs to be accurately manufactured and our unique oversize manufacturing capabilities provide endless potential applications.

Technical Advisory Service

With an ever increasing diversity of product types, complex glass standards and regulatory building code changes, correct production selection is becoming more difficult and ever more important.

Today's more rigorous government regulations place the onus on the glass industry to conform to these requirements and Landson Glass can assist customers with these challenges. Our technical advisory service is able to assist with advice covering issues of glass selection, including conformity to the Australian Glass Standards and Australian Building Regulations. Landson Glass can

also coordinate testing by independent bodies such as the CSIRO for specific projects.

Landson Glass' anti-slip screen frit glass has been subject to rigorous testing by the National Research Centre of Testing Techniques for Building Materials and meets all testing requirements.

Landson Glass staff, with a broad knowledge and background in the glass industry, can assist with advice on both product selection and performance characteristics. Such advice cannot however be a substitute for the project specific advice of your own professional and expert advisers.

Heat Soak Testing

Landson Glass strongly recommends conducting heat soak testing on toughened glass products. Heat soak testing is a destructive test, which reduces the likelihood of spontaneous breakage by converting impurities such a nickel sulphide placement.

Our clients often need specific products customised for individual projects.
Landson Glass offers unrivalled flexibility to meet any requirement.

Nominal thickness (mm)	Minimum size (mm)	Maximum size (mm)
6	300 x 300	4500 x 2440
8, 10, 12	300 x 300	4500 x 2440
15, 19	300 x 300	4500 x 2440

DISCLAIMER
This publication is issued as a general guide for information purposed only. Any product information, performance data or recommendations contained within should not be substituted for independent detailed technical advice. Actual performance may vary in particular situations. Landson Glass provides information on a wide variety of products fit for a particular purpose or merchantability. Persons receiving this information are responsible for obtaining independent advice to determine a product's completeness and suitability for a particular application, including but not limited to conformity to the Australian Glass Standard AS1288 and regulatory building codes. Non-opaque or Frosted colour should not be used in unventilated external applications without an applied opacifier. Landson Glass, at its discretion, and at any time without notice, reserves the right to either permanently or temporarily withdraw any promoted product from the market or alternatively to change any features, materials, colours or specifications of any such product without incurring any liability. Landson Glass disclaims liability from any loss or damage suffered from the provision or use of this information. All information is assume correct at the time of printing and this printed material supersedes previous editions. Glass can be damaged by impact and is potentially hazardous if broken. If broken or damaged, it should be immediately secured and replaced. Under no circumstances should damaged glass products be fitted. This brochure is intended for use by persons and companies skilled in the glass and construction industry. Anyone else must seek independent advice before considering the particular application of a particular product.

Contact Us

For additional information about the Landson Glass
product range, to discuss custom projects,
or to request quotations, samples or details
of local stockists, please call us today.

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