

# Keramo™ | Ceramic Fritted Glass



**KERAMO IS GLASS THAT UTILISES A CERAMIC FRIT PATTERN. IT IS OFTEN KNOWN AS “FRITTED” GLASS AS IT USES CERAMIC GLASS FRIT MIXED WITH SPECIAL ENAMEL PAINT AND COLOUR OXIDES.**

These are fired onto the glass surfaces during the heat treatment process. The ceramic enamel is applied by rolling, spraying, screen printing or digital printing and is very durable and stable in colour.

The pattern or design can be solely for aesthetic purposes or can aid in privacy screening, providing solar shading or reducing glare. Keramo is perfect to use

in conjunction with EnduraLam and a Woods Glass solar control product like Infnit E. This allows for enhanced glare and solar control as well as privacy and aesthetic designs.

Direct on glass digital printing allows for virtually any image in multiple colour, to be printed on glass for interior and external glass applications.



**LEFT: WELLINGTON CHILDREN'S HOSPITAL**

The unique design of this pattern included pictures that children would enjoy.

**APPLICATIONS**

- Office Buildings
- Commercial Facades
- Residential Facades
- Canopies
- Roof Lights

**PERFORMANCE/ SPECIFYING**

Keramo offers increased protection from unwanted solar gain and glare. It does this by decreasing the light transmittance through the glass. The table below shows how the increasing pattern cover of frit pattern is inversely proportional to the light transmitted through the glass. All glass must be engineered to specific code and design, please contact Woods Glass to find out more information.

**CLEANING/ MAINTENANCE**

Normally when cleaning glass, a vinegar-based glass cleaner or mild dish soap and water with a soft, lint-free cloth or paper products is recommended. A squeegee or soft cloth may be carefully used to dry the glass and help avoid water spots.

It is not recommended to use petroleum-based cleaners or solvents as they can streak the glass and weaken the seal between the glass and frame. Avoid washing in direct sunlight to reduce streaking on the glass.

Never use razor blades, steel wool, putty knives or abrasive pads as they may damage the glass, particularly on toughened glass.

**RANGE**

Many different thicknesses and product combinations are available with Keramo. Keramo can be printed on many different glass and systems to provide solar control and privacy. The different patterns available are extremely customisable to fit any design solution, please contact Woods Glass to discuss special requirements.

**BUILDING CODES**

- NZS 4223.1 'Glazing in buildings - Glass selection and glazing',
- NZS 4223.3 'Glazing in buildings - Human impact safety requirements',
- AS/NZS2208 - Building safety glazing materials

**GLASS TYPES**

- Clear, tinted
- Monolithic, Laminated, IGU
- Other customised options available

Cover %	Light Transmission %
	6mm Clear Float
10	80
20	75
30	69
40	62
50	55

*Please ensure the current data sheet is consulted prior to specification. If in doubt please contact Woods Glass.*

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