



FEATURES

Digitally printed ceramic inks are UV, solvent and scratch resistant.

Ink coverage control allows fine tuning of light transmission on individual areas.

A 10 year warranty is provided against fading and discolouration.

Detailed performance data available for all types of printed glass panels.

THICKNESS

Single: 4mm - 8mm
Lami: 8.76 - 17.52mm

*Custom thickness' available on request

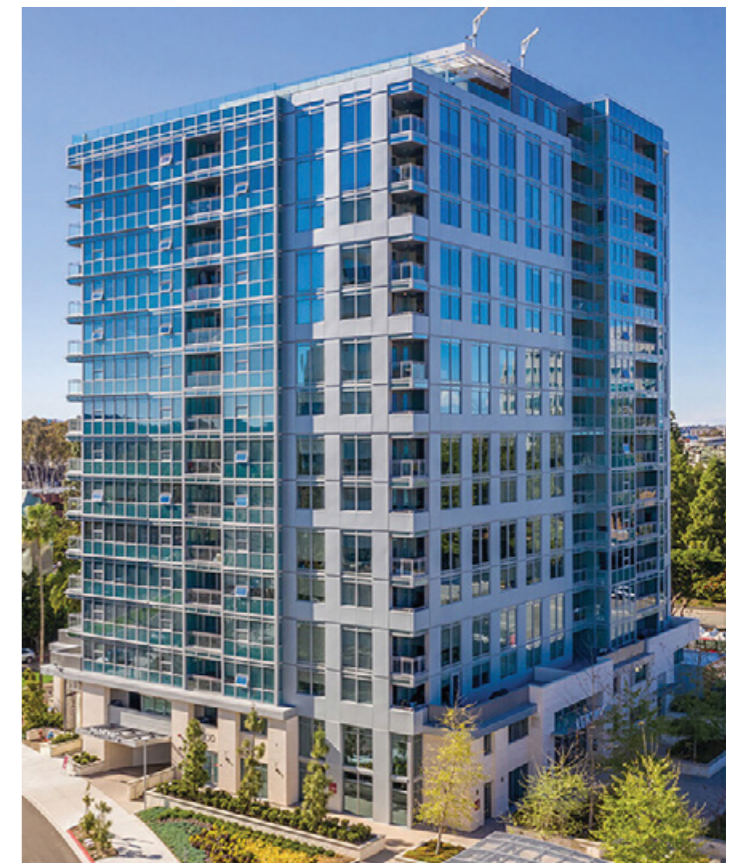
MAXIMUM SIZE

1800x3500mm

GLASS TYPES

Clear, Low Iron, Grey, Bronze, Low-E

*Custom types' available on request



DIGITAL PRINTING

Integral Seal's Digital Ceramic Printing is the perfect solution for vibrant yet durable printing directly to the surface of the glass.

Integral Seal's large format, digital glass printing process is capable of reproducing full colour photography, vector graphics and textures directly onto the surface. Utilizing specialised ceramic inks, free of lead and cadmium, digital printing is pin point accurate and extremely durable perfect for internal and external projects.

The printing process entails direct application of ceramic inks to the surface of a panel, with a purpose built glass printer. Panels are then tempered through a furnace where the inks are permanently fused to the glass becoming UV and Scratch resistant. This process is a time and cost efficient solution for incorporating art with architecture, opening up a wide array of creative options.

The versatility of digital printing stems from the durability and flexibility of the inks. They have the capacity to face internally, externally, inside a Double Glazed Unit or even within two laminated glass panels. The inks can also be printed on high performance glass and be teamed with coloured interlayers to give a truly custom option. Performance data for individual designs is available to assist in the development stages.

Print Surface

Due to the durability of the ceramic inks, printing can be done on any surface of a glass panel. The ink will appear different depending on the surface which it is applied, particularly on tinted glass types.



Internal Surface

Reflective Appearance
Externally



External Surface

Matt Appearance
Externally



Inside Laminated

Reflective Appearance
Internal & External



Inside IGU

Reflective Appearance
Internal & External

Colours Gamut & Etch Style Ink

The ceramic colour gamut allows for a wide variety of colour matching options and photo recreation opportunities. Rich deep blacks and bright whites are a particular strength, enhancing privacy while maintaining aesthetics.

In addition to our regular colours we also provide an etch style alternative. The benefit of this Etch Style Ink is its ability for transparency. This makes it ideal for units, railings, and other applications where a more subtle appearance is desired.

