



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. Using specialized ceramic inks that are free from lead and cadmium, our digital printing offers pinpoint accuracy and exceptional durability, making it ideal for both 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.

FEATURES

Once tempered printed ceramic inks are UV, solvent and scratch resistant.

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

A 10 year warranty is provided against and colour 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,

71"x138"

GLASS TYPES

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

*Custom glass types and tints available on request



Print Surface



Internal Surface

Reflective Appearance
Externally



External Surface

Matt Appearance
Externally



Inside Laminate

Reflective Appearance
Internal & External



Inside IGU

Reflective Appearance
Internal & External

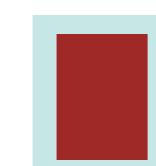
Colours Gamut & Etch Style Ink

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.



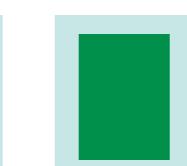
Blue



Red



Orange
Green



Green



Black



White



Etch



Integral Seal Mfg. Inc.
Manufacturers of Insulated . Tempered . Laminated Glass

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