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Possibilities of Digital Printing in Architectural Glass Applications

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Abstract

Printed glass will play a more dominant role in the future of glass architecture. Many different technologies have been developed for decorating architectural glass. They all have their strong and weak points, thus they all can find their best fit in the market. One of the latest important break-through innovations is digital printing using ceramic ink. With zero tooling cost as the main advantage, this technology is currently gaining popularity in the market of customized patterns and images.

The presentation will explain main technologies for decorative architectural glass applications including screen printing, roller coating, digital powder printing, digital printing using UV inks (laminated products, mainly interior) and digital printing using ceramic inks.

Latter part of the presentation will focus on main value added features of digital printing using ceramic ink. The presentation will concentrate on showing real life case examples (mainly building projects) of digitally printed glass.