Steinfort Glas

kristal**print** by Steinfort

Glass has much to offer architects, both artistically and structurally. It can assume any appearance, fulfill numerous functions and is capable of great strength and versatility. The trend towards the increased usage of glass for both exterior and interior applications is global, as architects and designers worldwide continue to push the envelope by using glass in non-traditional ways. Today, printed patterns enhance interest in building facades, digital design processing make kitchen cabinets and shower doors unique and custom wall-cladding applications make bold statements with bright colors and reflective pigments.

Steinfort Glas expands the possibilities for both designers and architects. Steinfort Glas has a GlassJet, the first industrial direct-on-glass digital printer. This is a versatile flatbed unit suitable for any glass application, including interior and exterior architectural glass, appliances, furniture and other applications enhanced by creativity on glass.

Special ink compositions are used for long lasting glass printing, which commonly include micro- particles of glass, wherein the fixation of the printed image is by firing the printed glass in a furnace at high temperatures of 630˚C and more. The exposure of the ink to such high temperatures causes the glass micro particles to melt, thus affixing the ink pigments into the printed glass surface. The ink is scratch-proof and UV resistant.

Enameled Digital Printed Glass provides the ultimate level of artistic license for creating beautiful, intricate designs, from the simplest to the most complex.

- Ideal for exterior and interior applications.
- Encourages projects with high levels of image detail.
- Handles variable data.
- Permits large projects with varied, multicolored designs.
- Permits ready-to-print artwork (PDF, EPS).
- Perfect for tiling projects.

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