



SILK-SCREEN PRINTING.
INDIVIDUAL AND FUNCTIONAL DESIGN.

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Products

Premium printing on glass gives the final touch and makes the panel unique in appearance and function. High precision in the production of film and screen, precise printing and a wide range of high-quality colors ensure a perfect quality. Berliner Glas currently offers printing in the maximum dimensions of 1,150 x 1,900 mm (85") and assures a creative combination of standard and individual design.

The printing is done without dust and pinholes and has excellent dimensional accuracy and edge contrast.

Material

For the printing, special 1- or 2-component organic-based paints are used, which are cured in drying ovens.

Depending on your application, screen printing can be done with ceramic colors as well, which are then cured at high temperatures.

Specifications

Max. dimensions of printed surface	1,150 x 1,900 mm (85")
Positioning accuracy of printing on glass panel	±0.1 mm
Width of line	≥ 0.15 mm
Density	acc. to specification up to D = 4
Surface defects	acc. to ISO 10110, part 7 or DIN 3140, part 7
Colors	acc. to RAL, Pantone, C-mix or customer's sample, 2K-colors, ceramic colors, etch paste
Printing	with printing margin indentation, marginless on request



Quality Assurance

We print in fully air-conditioned rooms under clean room conditions to ensure a high-quality color application.

All glass to be printed is previously inspected and processed according to specification by qualified employees.

After printing there is a very careful final inspection where also adhesion-, abrasion- and solvent resistance are routinely tested.

Notes

For quality printing, we need a data file (dxf, ai) or film template (pdf).