



Color Techniques

Color Design of Glass

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Ceramic screen printing

In ceramic screen printing color is pushed through the open mesh of a stencil using a squeegee.

Therefore sieves are used with 48 to 90 mesh.

A finer sieve mesh allows for more detail with a lower layer thickness.

A coarser sieve mesh allows a higher layer thickness with less detail.

For each color an extra stencil is needed which can lead to high costs.

Example 2



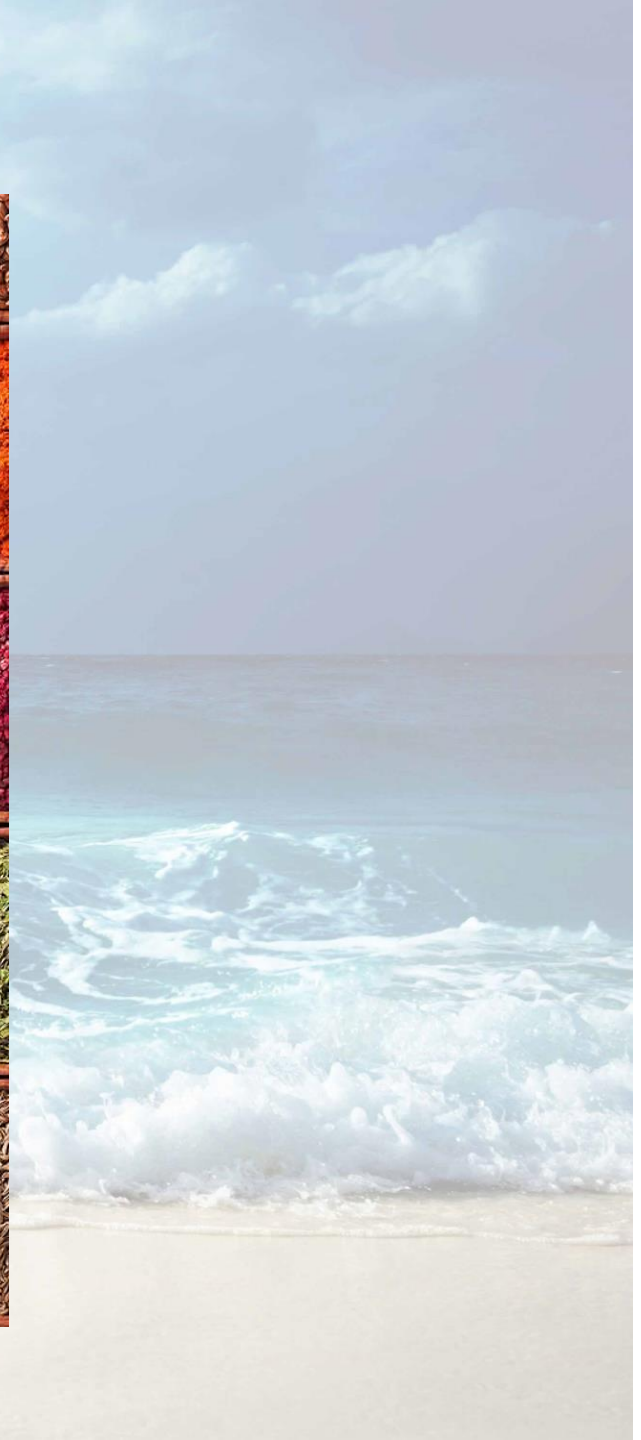
Ceramic digital printing

In ceramic digital printing the primary colors are pressed through fine nozzles of various print heads similar to an inkjet printer, which makes photorealistic motifs possible.

Almost every printing machine still has additional color tanks which makes it possible to print also solid colors without any pixelality.



Example 1



Example 2



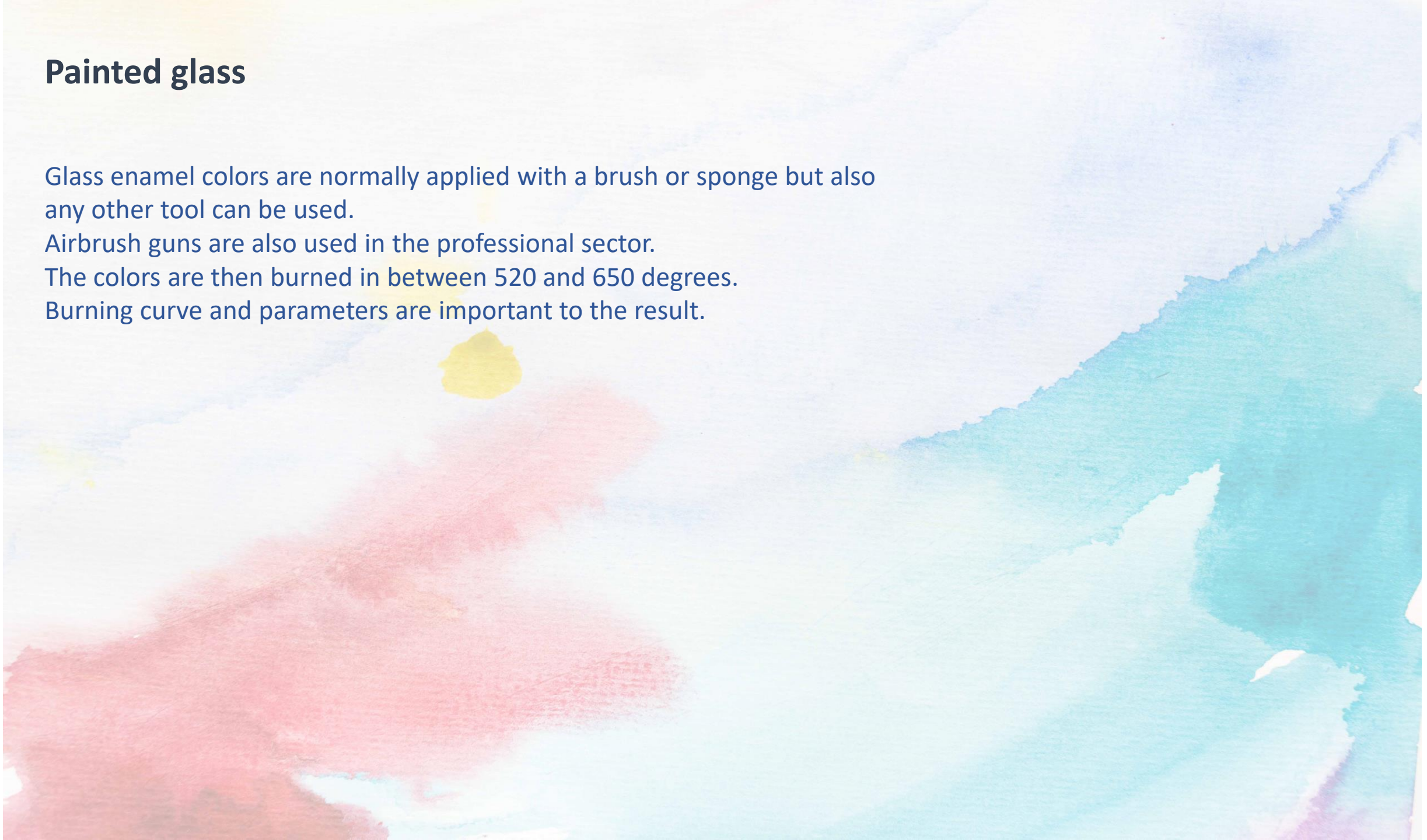
Painted glass

Glass enamel colors are normally applied with a brush or sponge but also any other tool can be used.

Airbrush guns are also used in the professional sector.

The colors are then burned in between 520 and 650 degrees.

Burning curve and parameters are important to the result.



Example 1



Example 2

