

Introduction

Kite Glass produces glass with high quality enamel printed images covering any area, up to 100% cover. These are produced by hand, either individually or in batches depending upon the image required. The following notes explain our capabilities.

Capacity limits

The quoted figures cover just our standard production, if you require sizes not covered below please do not hesitate to call our Sales Department for advice.

The maximum glass panel size that can be screen printed all over is 3.0 metres x 1.5 metres.

Glass from 6mm to 15mm thickness can be printed, but should you require screen printing on other glass thicknesses and sizes please do not hesitate to call our Sales Department for advice.

The Screen used in the process.

Screen printed glass panels are produced to individual customer requirements, and all screens manufactured to suit. We would suggest that prior to placing an order the specification for the image is discussed with our Sales Department.

All screens are normally retained for a period of six months after delivery. Subject to your approval, after this period, screens will be recycled.

Despite our closest attention, there may be minor imperfections in any screen-printed surface, including pinholes, spots, small print misses and linear variations.

In order to establish a visual standard the glass should be inspected by looking through it with the screen-printed ceramic ink on the reverse face, from a distance of 3 metres, in normal daylight conditions. These imperfections should not be visible.

The tolerance on the position of any screen-printing image is $\pm 3\text{mm}$ of the stated nominal position.

Kite Glass controls the clarity of the printed image and the precision of the image edge as follows:-

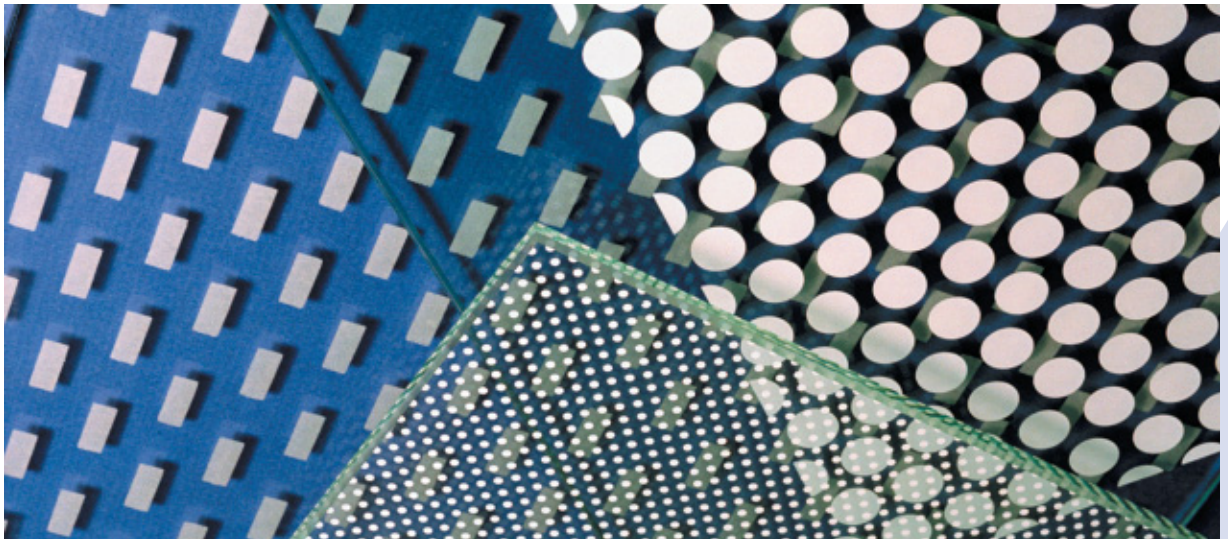
The location of the stripe is positioned as accurately as possible and will fall within the tolerance as stated above ($\pm 3\text{mm}$). The parallelism / squareness of the image edge will be $\pm 1\text{mm}$.

Screen-printed colours

A full range of RAL or Pantone colours may be selected for screen printing.

Kite Glass holds most standard colours in stock, please contact our Sales Department for further information on stock colours.

Standard colours and special RAL or Pantone colour matches are specially mixed for us by our ink manufacturer; but special colours may take up to three weeks to be produced. The colour or shade of the screen-printed images should be agreed before placing your order.



General

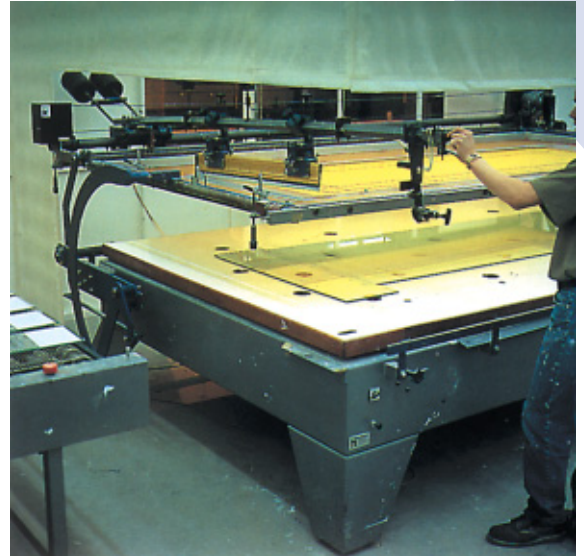
Screen-printing inevitably changes the colour of any glass, the change being dictated by its ability to reflect and absorb different levels of light. Different transmission levels alter the perceived tint of the glass. To check this glass should be viewed from the clear side, with the screen-printed images furthest from the viewer. The colour required can then be compared with and matched to any design requirements.

Whilst it is inevitable that slight colour variation may occur from paint batch to paint batch, great effort is made to ensure that this is minimised. However it is recommended that complete adjoining areas are ordered and fitted at the same time.

Screen printed glass should always be stored in a near vertical position, set on strips of clean wood, felt, or other relatively soft materials. It must not be stacked horizontally and must be kept dry. It should be protected from site contamination such as welding, cementitious products, adhesives and other solvents.

Marking of screen printed glass

Due to our manufacturing process it is not possible to apply a logo to ceramic-coated areas of glass. Certificates of conformity can be issued in these cases.



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