

HowTo... Powder Printing



Produces four 15x15cm printed pieces with plenty of left over powder for future projects.

In the kit:

- 1 x 21x16cm Screen
- 2 x Stencils
- 2x 100g Pots of Powder
- 1 x Card Scraper
- 4 x 3mm Clear Tekta Glass 15x15cm
- 16 x Screen Props

You may also need:

- Dust Mask
- Kiln Shelf
- Kiln
- Bullseye Thinfire Paper
- Glass Cleaner
- Paper
- Masking Tape

Tips:

Not all glass powders are suitable for printing. Transparent colours often lack the colour saturation needed. Stick to dark, strong colours:

- Black 0100.08
- Deep Red 0224.08
- Red 0124.08
- Tomato Red 0024.08
- Dark Rose Brown 1109.08
- Dark Forest Green 0141.08
- Steel Blue Opal 0146.08
- Midnight Blue 1118.08
- Orange Opal 0125.08
- Spring Green Opal 0126.08
- Jade Green 0145.08
- Deep Cobalt Blue 0147.08
- Aventurine Blue 1140.08
- Deep Royal Purple 1128.08

Need more help? Take a look at the 'Screen Printing with Bullseye Powders' video in the Knowledge Base on our website. www.warm-glass.co.uk



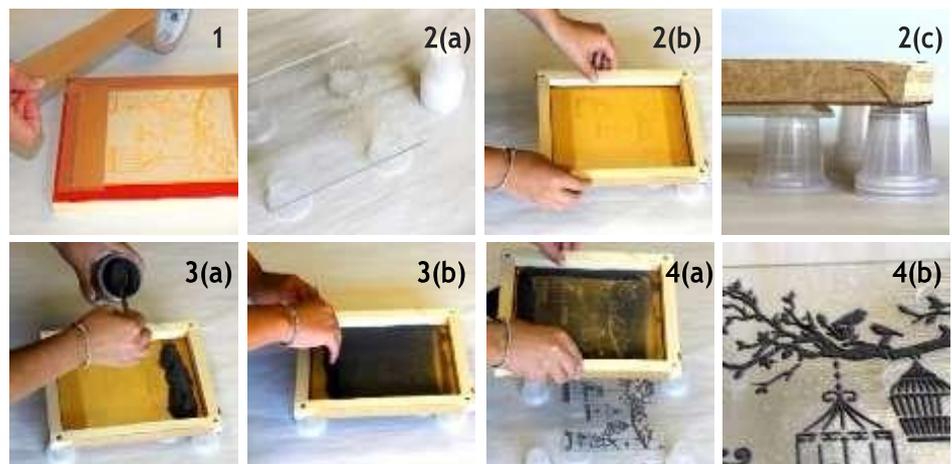
Printing with glass powder is a relatively cheap and extremely versatile way of introducing imagery into your fused glass designs.

Silk Screens are very delicate and can tear if not handled with care.

Note: Glass powder is an irritant. Always wear a dust mask.

To make a powder printed tile:

1. Cover your work surface with paper to contain any powder that falls. Stick your chosen stencil to the underside (the flat side) of your screen with masking tape. Use tape along all sides to make it as flat as possible.
2. Set your glass on top of four of the props. Then arrange the screen above the glass using four stacks of 3 props so there is a 3-4mm gap between the glass and the bottom of the screen.
3. Lay a thick line of powder above the image on the screen. Use your card to pull the powder back and forth over the surface of the screen. Do not apply too much downward pressure as you want to avoid making contact with the glass. The number of pulls determines the thickness of powder and colour saturation.
4. Lift your screen away and you will have a perfect powder print of your image. Carefully move your glass to the kiln and fire using the schedule below.



Now try experimenting by building up layers of colour or pulling two colours through at once. Try layering your piece to 6mm and firing on a full fuse.

Basic Tack Fuse Firing Schedule:

Segment	Rate (Degrees/hour)	Temperature	Hold
Segment 1	222°C (400°F)	677°C (1250°F)	30 minutes
Segment 2	333°C (600°F)	760°C (1400°F)	10 minutes
Segment 3	999°C (AFAP)	482°C (900°F)	120 minutes
Segment 4	83°C (150°F)	371°C (700°F)	End