

Coldglaze PRO 2

Used on it's own Coldglaze PRO 2 will replace the glaze effect on china without the use of heat. It has excellent non-yellowing characteristics. It is also mixed with pigments to repaint patterns. Coldglaze PRO 2 is water resistant, very tough with high strength surface adhesion. It can be airbrushed even when mixed with powder pigments. Coldglaze PRO 2 can also be mixed with Oil Colours.

INSTRUCTIONS

- The mixing ratio is 4 parts resin to 1 part hardener by volume.
- Use a suitable clean container to mix in such as a small foil or glass dish.
- Thoroughly mix with a small stirrer.
- A small amount of pt146 Thinners may be added to thin the mix if required.
- The Coldglaze PRO 2 is now ready to be applied either by brush or airbrush.
- If a coloured glaze is required, add a small amount of pigment until the desired colour is achieved.

TO ACHIEVE A MATT FINISH

For a matt finish, simply mix Sylmasta Matting Agent S532 with the Coldglaze PRO 2 to achieve desired finish. Mix quantities: 70g~80g of Matting Agent per litre of Coldglaze PRO 2.

TO CREATE A WHITE GLAZE

A white glaze can be created in one of two ways:
add 10% Sylmasta CGW White Paste for a high-quality, homogeneous white glaze.

TO AIRBRUSH

To the mixed Coldglaze PRO 2 add approximately 20% by volume of PRO 2 Thinners to obtain a suitable viscosity. Adjustments to the mix can be made, dependent upon desired finish. A wet film thickness of 50 - 60 microns will result in a dry film thickness of 25 microns.

TO HAND BRUSH

Sylmasta recommend the use of our high quality P51 Glazing Brush, made with the finest, softest white goat hair.

RETARDER

We highly recommend the use of Retarder with Coldglaze.

Retarder will improve the finish when hand brushing, increasing the cure time to allow the product to flatten and give a high gloss finish. When airbrushing, Retarder will reduce the overspray and reduce the cotton wool effect from the airbrush, particularly in warmer conditions. Add Retarder to PT146 Thinners at a ratio of 5~10% by volume.

POT LIFE

The mixed Coldglaze PRO 2 will remain useable for a period of up to 8 hours under normal working conditions (20°C)

COVERAGE

(Calculated on a dry film thickness of 25 microns)

Conventional Spraying: 9 - 10 square metres per litre of mixed material. The coverage figures are approximate and will vary with the type of equipment used and the shape of the item.

AIR DRYING

At an ambient temperature of 20°C, the drying time is approximately as follows:

Surface Dry:	10 - 15 minutes
Hard Dry:	2 - 4 hours
Full Properties	7 days

Lower temperatures will increase the dring time. Additional coats must be applied within 24 hours or after 90 hours.

FORCE DRYING

To accelerate the drying process, a flash-off period of approximately 10 minutes should be allowed for the solvents to evaporate.

Ceramic & Metal: Temperatures up to 120°C for 20 - 30 minutes normally recommended

Plastic: Care must be taken to avoid deformation to the plastic. Typically, 60°C for 2 - 3 hours.

CLEANING UP

Use PT146 Thinners for thinning and cleaning up.

SAFETY

Refer to safety data sheets for more information.

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.