

CHROMAZONE® APPLICATION PROCEDURE
50% SLURRY

APPLICATION

To make the screen ink, you need to work out how many grammes of ink you need to make and then mix:

Approx. 50% of the Chromazone Slurry
Approx. 50% of the Screen Clear Binder,

Please mix only before use, within 24 hours, and handle with precaution (gloves, etc). We recommend to use a polyester monofilament of 54 micron (70T mesh). The suggested ink coverage, for a colour change effect with no hidden message, is 35 to 40grms per metre and per coat.

Filter the ink with a 120 mesh filter prior to each application. We also recommend to stir the ink before each application as the chromics tend to settle.

Allow the ink to dry as follows:

Material	Air Dry	Cool Air Drier	Dry at 40°C
Paper	3 min.	1 min.	1 min.
PVC sheet	15 min.	3 min.	1 min.

Please note that if it is on an automatic machine, it can be force dried through a hot air drier, but no more than 70°C. The printing layer should be thick with high viscosity ink. You can apply two coats if necessary and to adjust the viscosity, use water. A top coat or laminate with a transparent film is recommended to provide better adhesion and abrasion resistance, eg: polyester or polypropylene, but again, allow the ink to dry before.

GENERAL NOTES

1. For maximum safety, we recommend to avoid skin contact and inhalation of the ink fumes.
2. Do not expose thinners to extreme temperatures or open flame.
3. You can achieve a colour to colour effect by mixing a conventional pigment (except white) into the Chromacolour ink.
4. The Chromazone will print as a pastel colour. Therefore any colour you might mix with /print on might interfere with it. We recommend to use, a LIGHTER COLOUR IN THE SAME SHADE THAN THE CHROMAZONE.
6. Please use water to clean the screens (soap may be used). If screens are clogged, use Butyl Acetate.
7. Some variation of the ratios may be expected to achieve the desired results.
8. Ink and components should be stored in a cool, dark place.
9. The screen coating emulsion should be water and oil resistant (eg. ULANO TZ or 925WWR).
10. Use a soft squeegee.
11. Shelf life is 6 months for unmixed ink (slurry & binder unmixed) kept at 30°C. 6 months minimum extended shelf life if the temperature is reduced to 10°C.
12. Store in cool, dark place. Keep away from direct UV light and extreme temperatures.
13. Do not dry Chromazone Ink at temperatures of 70°C or above.
14. DESPATCH TIME ON STANDARD PRODUCTS 7-8 DAYS / NON-STANDARD 18 DAYS