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SERIGRAPHIC INKS TECHNICAL BULLETIN

Series: UNI SERIE 40.000

TWO COMPONENTS GLOSSY INK

BINDING AGENT: POLYESTHER RESINS

SOLVENTS: KETONES AND HIGH BOILING PETROLEUM DISTILLATES

APPLICATIONS:

For printing on glass, metals, thermo-hardening resins etc....

UNI SERIE is particularly indicated whenever a very good chemical - physical (atmospheric) and mechanical resistance is required, without yellowing and degradation of external colours.

Essentially used for printing of safety hazard signs and for printings on all type of metals (aluminium, iron and alloys) painted in advance and not.

DIRECTIONS FOR USE:

Mix the UNI SERIE colour with relevant catalyst in the ratio of 75 : 25 weight/weight. After mixing, dilute to 10-5% adding UNI SERIE THINNER.

Addition of greater quantity of catalyst improves hardness, brightness and elasticity of the catalysed film.

To obtain a good reticulate film, use minimum 25%.

Addition of higher quantity of catalyst involves slowing down of dust-off drying time.

Shelf life of catalysed mix: approx. 8/12 hours according with the room temperature.

DRYING

By air, at room temperature, prints are dust off in approx. 60' and the complete catalysis occurs in 4 - 5 days. Drying by oven treatment in order to obtain the complete catalysis as follows:

40'	at 60° - 70°C
30'	at 80° -100°C
20'	at 120° -130°C
15'	at 150° -160°C
10'	at 170° -180°C
5'	at 200° -220°C

In case of colours superimposition, we suggest don't get over 5' at 60°C, otherwise you could damage the anchorage of next printing.

N.B. For further details on range of shades, please see our standard colour chart.

The values and information we report in our "Technical Bulletin" are the result of experience and numerous tests conducted in our laboratories. However, given the multitude of applications and of the work methods, they are to be considered purely indicative. Therefore, they imply no direct responsibility on our part for the uses the user will want to make of them. The user will have to control with his own mediums whether the product responds to his own necessities.