



VINYGLOSS II

Aspect :	Glossy.
Applications :	Printing on adhesive PVC, PVC treated polyester, polycarbonate, acrylics, special paper and cardboard substrates.
Major advantages :	Remarkably well adapted for printing on PVC. Immediately stackable on exit from tunnel. Not toxic. Self-diluting. Good light resistance.
Printing :	Manual, Automatic and semiautomatic machines.

Technical characteristics

Screens

Fabrics : All types of nylon and polyester fabrics can be used with a mesh between 77 and 120 threads/cm.

Transfers : All direct, indirect or capillary procedures, resistant to solvents, as well as water cutting films can be used.

Opacity - Aspect

Vinygloss 2 has a very high opacifying capacity, and a very important pigmentation, allowing to resolve the most difficult applications. The pigments used do not migrate, and the colours can be overprinted.

Coverage

Depending on the fineness of the fabric used, the print area varies between 50 and 60m²/Litre.

With a 120 thread/cm mesh and a dilution of 20%, the print area is around 60m²/Litre.

Storage

1 year in origin pail kept between +5°C and +35°C.

Squeegees

We recommend hard polyurethane squeegees 75 shore.

Mixings

All available colours can be mixed together to obtain intermediate tones.

This series of single pigment colours allows the matching of all particular colours.

Special tints : They can all be produced for quantities of 5 L minimum.

Cleaning

We recommend the cleaning solvent 77205.

Packaging

In 1 and 5 Litre pails.

Applying conditions

Dilution : The Vinygloss 2 will be diluted with 15 to 20% of EV201 normal thinner.

In the event of high ambient temperature, or if the inks tend to dry in the screen, replace a more or less important part of the normal thinner by the EV203 slow thinner.

Base / Varnish : In order to reduce the intensity of the colours, or to obtain semitransparent effects, add the overprinting varnish base EV.003, but the light resistance will then be proportionally affected.

Drying

By solvent evaporation. Once dry, the ink film does not stick.

In ambient air : about 5 to 20mn depending on temperature conditions. The prints are stackable few hours later.

In the case of very plasticized (very flexible) PVC, the inks solvent can induce the PVC's plasticizers migration, be harmful to the drying process, and stick the sheets together in the pile.

In forced air : The Vinygloss 2 can be dried in a well ventilated hot air tunnel set at 60°C, during 10 to 20 seconds.

Before stacking, it is important to make sure that the entire drying and cooling of the printed substrates have been done.

Adherence - Resistance

Excellent adhesion. The solvents contained by the Vinygloss 2 react with the material on which the printing is made, and induce, in the contact zone a material/ink mixture.

It is also alcohol-resistant. Resistance to light is proportional to the thickness of the ink layer.

Hygiene and safety

Although the products chosen for use in formulating the VINYGLOSS 2 ink are not dangerous, they can produce allergic reactions in some particularly sensitive people. Ink or thinner stains on skin will be washed immediately using soapy water.