PEARLESSENT INKS

PRODUCT DESCRIPTION
Screen printing and roto inks for printing of pearl effects. These inks can be UV-based, solvent-based or water-based.

APPLICATION FIELD
Banknotes, documents, revenue stamps, brands, credit cards, fidelity cards and ticketing.

• GENERAL SPECIFICATIONS
• These inks change the appearance of the surface which they are printed on and give it a special brilliance.
• These inks are semi-opaque. This property allows them to be mixed both with organic and inorganic colours, in order to achieve colored pearlescent effects.
• The effect may vary from light satin to very bright depending on the size of the used pigments.
• Available granulometry range: 5µm to 25µm or 10µm to 60µm.
• Ready-to-use ink
• 6 colors available

SUBSTRATES
Direct printing on the substrates or overprinting on pre-existing graphic works on paper, cardboard, PVC, PS, PES and PC, depending on the ink formula (UV, solvent-based or water-based).

STORAGE
The ink must be stored at a temperature of 15°C / 35°C, away from heat and light sources.

When stored under these conditions, the ink is expected to have a shelf life of 12 months from the date of manufacture.

APPLICATION PROCESS
• Screen printing
• Rotogravure

SPECIAL INSTRUCTIONS
• Always do printing tests on the substrates to be used, in order to exactly determine the working time and mode and the result to be achieved.
• Avoid ink contamination: do not leave the can open and do not mix the ink with other inks/additives.
• Even though the odour is very low and not noxious, it is suggested to use the inks in a room that is properly equipped with air circulation.
• Ask for the safety data sheets, which are available for all products.

IMPORTANT NOTE
The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.