

# 24800

High opacity and very flexible  
Suitable for thermoforming, embossing, die cutting.

## APPLICATIONS

24800 ink series is specially designed for printing on PC and treated polyester front panels or dash boards.

## SUBSTRATES

- Polycarbonate
- Treated polyesters

## BENEFITS

- Excellent opacity
- Perfect texture which allows to print both large prints areas and fine texts
- 24800 very good stability in the screen allows regular prints in the long run

## INK ADHESION

Thanks to its good adhesion properties and its high flexibility, this ink can be embossed, thermoformed and hydro-formed with no blocking or sticking effects.

In the case of deep hydro-formed embossing on polycarbonate, please consult us.

UV curable varnish, enabling the production of specific surface structures or the realization of transparent windows are available. Please contact our Technical Services who will help you in your choice among all the available references.

In the case of multilayer prints on automatic machines, it is possible to realize solid prints with our 7800 ink series (in order to obtain a quicker drying time), and texts with the 24800 ink series.

Because of a large diversity of substrates, we recommend to carry out pre-production trials.

## ASPECT

Satin ink with very good opacity

## THINNING

Various diluents are available according the needed curing speed (5-20%):

- Fast drying: Eco Rapide R
- Medium drying: Eco Moyen M
- Slow drying: Eco Lent L
- Eco Retardeur: RTD

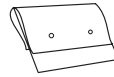
## PRINTING EQUIPMENT

Semi-automatic printers



## SCREEN MESH

Recommended mesh: 90 to 140 threads/cm (230 to 355 threads/inch)



## SQUEEGEES

Single, double or triple durometer polyurethane blades with hardness between 85 and 75 shore.



## DRYING/CURING

This ink dries only by evaporation of solvent and will depend on the type of thinner used. As an indication, with 20% of thinner «Eco moyen» and a 90 mesh screen the drying time is:

- At air temperature: from 8 to 9 minutes
- At 50/55 °C: from 30 to 40 seconds



## CLEANING

Solvents ECO N, screen opener H5726

## PACKING

1 kg



## STORAGE

The 24800 ink series are guaranteed to be stable in their original, unopened packaging; they have a shelf life of 24 months. Storage should be at a temperature between 15 and 25 °C (59-77 °F)

### COLOUR MATCHING

DUBUIT offers a full in-house colour matching service from 1 kg. Please provide as much information as possible regarding the type of substrate, colour, mesh used...

### PIGMENT CONCENTRATES

It is possible to enhance the power of colours by adding pigment concentrates from our Tampo 180 ink series.

### FLUORESCENT SHADES

Contact us.

### ADDITIVES AND SPECIAL PRODUCTS

Do not forget that additives must not be incorporated systematically in the inks, but must be used with caution as their dosage and their field of use can often present risks. The special products we deliver are of consistent quality. Encres DUBUIT cannot guarantee the work using these products. Indeed, they cannot influence neither the working methods nor the operating parameters.

### HEALTH AND SAFETY

The vast majority of printing inks and related products formulated by Encres DUBUIT contain no substances of very high concern. Our products comply with the requirements of Directives 2011/65/EU (RoHS 2), 2015/863/EU (RoHS 3) and 94/62/EC (heavy metal concentration levels present in packaging). For more information about our regulatory compliance, please consult our Eco System document, available on request.

<b>24800 INK RANGE SOLID COLOURS - 700 RANGE</b>			
<b>ARTICLE DESIGNATION</b>	<b>REF.</b>	<b>ARTICLE CODE 1 KG - 1 L</b>	<b>ARTICLE CODE 5 KG - 5 L</b>
Primavera Yellow	700	C248700K	
Mid Yellow	710	C248710K	
Gold Yellow	720	C248720K	
Mandarin	730	C248730K	
Vermillion	740	C248740K	
Dark Red	750	C248750K	
Pink	760	C248760K	
Violet	770	C248770K	
Primary Blue	780	C248780K	
Emerald Green	790	C248790K	
<b>BLACK, WHITE &amp; VARNISH</b>			
Opaque White	82	C248082K	
Opaque Black	12037	A24812037K	A24812037C
Black	92890	A24892890K	A42892890C
Diffusing Black	96440	A24896440K	
Varnish	090	C248090K	
<b>SPECIAL SHADES</b>			
Silver	21S	C248470K	
Rich Gold		C248460K	
Rich Pale Gold		C248462K	
Pale Gold		C248464K	

Encres DUBUIT guarantees the quality of our products. However, we cannot guarantee the final result, because we exercise no control over individual operating procedures. Our responsibility is limited solely to the exchange of ink or varnish. The quality of a substrate to be printed can vary, as well as an overprinted ink; therefore, the above information is given in good faith based on the state of our art and prior experience. This statement also applies to our technical assistance. When using our inks and varnishes on a new substrate or when changing operating procedures, we strongly recommend testing first a full-scale production to ensure compatibility. Please refer to our General Conditions of Sales.

