

2800 SERIES

Application

2800 solvent-based screen ink series is designed for printing on to flexible PVC, treated PET, and Polycarbonate. It is particularly suited for electrostatic substrates.

Advantages

2800 series is characterized by its high flexibility and its low sensitivity to migration of plasticizers on the substrate's surface. Therefore you may obtain excellent results on electrostatic substrates, plastic covers (exercise-book covers, book covers, etc.). Compatible with thermoforming and thermo-soldering.

Finish

Glossy ink . Matt shades available on demand

Machines

Semi-automatic or automatic printers



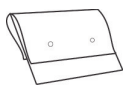
Screens

The recommended mesh is 90 th/cm to 120 th/cm (229 th/inch to 305 th/inch).



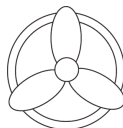
Cleaning

Dubuit's standard cleaning solvents are : ECO N Solvent and P Solvent.



Squeegee

Recommended with this ink : single, double or triple durometer polyurethane blades with hardness between 75 and 65 shores.



Curing

This ink cures only by evaporation of the solvent. Speed of cure will depend on the thinner used in the mixture. Only for information, here are the average speeds of cure of this ink if mixed with 10 % of Eco Retarder Diluent, and printed with a mesh of 120 threads/cm (305 threads/inch) :

Drying conditions	Drying speed
At ambient temperature	2 to 3 minutes
Drying at 50/55 °C (122/131 °F)	10 to 15 seconds



Additives

Thinning:

Various diluents are available according the needed curing speed :

Fast curing :	ECO Rapide R
Medium curing :	ECO Moyen M
Slow curing :	ECO Lent L
Retarder :	ECO Retardeur RTD

H0076 Thinner / 30508 Thinner :

In Case of difficult adhesion on certain substrates, you may use either H0076 Thinner (slow curing) or 30508 Thinner (fast drying).

Further application:

We can provide you matt shades and extra opaque, highly pigmented shades on demand. Please contact us for more details.

Caution :

Following shades deteriorate at a temperature above 120 °C (248 °F): Primavera Yellow 300, Mid Yellow 310.

Because of the large diversity of substrates, we recommend to carry out trials prior to the full production.

PRODUCT SELECTION CHART

STANDARD SHADES		PRODUCT CODE
PRIMAVERA YELLOW	300	C028300K
MID YELLOW	310	C028310K
GOLDEN YELLOW	320	C028320K
MANDARIN	330	C028330K
VERMILLON	340	C028340K
DARK RED	350	C028350K
PINK	360	C028360K
VIOLET	370	C028370K
PRIMARY BLUE	380	C028380K
EMERALD GREEN	390	C028390K
VARNISH	090	C028090K
BLACK	11	C028011K
COVERING WHITE	82	C028082K
EXTRA COVERING WHITE	83	C028083K

Color Matching

Dubuit offers a full in-house color matching service from 1 kg.

Please give us as much information as possible regarding the type of substrate, color, mesh used...

Storage

Standard shades have a guaranteed shelf life of 1 year from their date of shipment from our factory, undiluted, in the original, unopened container. The above guarantee is applicable to inks stored in a dry, dark, well-aired environment at a temperature between 15-25 °C (59-77 °F).

SPECIAL REQUIREMENTS

Further colors are available on demand :

Rich Gold 25S

Pale Rich Gold 25S

Pale Gold 25S

Silver 21S

Glitter silver 18S

Fluorescent shades

For full details please contact our technical support department.



Standard and Legislations:

For full detail about our ink's conformity with current standards, please refer to the document ECO SYSTEM by Encres Dubuit.

Material safety data sheet available at : <http://www.edubuit.com/msds/> or export@encresdubuit.com

Dubuit guarantee the quality of our products. We cannot however guarantee the finished results because we exercise no control over an 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 can an ink being overprinted; 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 before use in a production situation to ensure full compatibility. **Please refer to our General Conditions of Sales.**