



SCREEN PRINTING

UV INK

UVIPRIM ECO PLUS

Ink with UV drying dedicated for printing on papers, cardboards, PVC for PLV. NVP FREE.

Use

UViprim ECO PLUS ink has been formulated in order to print on the following sustrates:

- Vinyl adhesive
- Paper, cardboard
- Supple and stiff PVC

The new UViprim ECO PLUS ink allows multi layer printings without weakening the substrate.

Main characteristics are:

- Ready to use inks
- Highly glossy
- High reactivity
- Large suppleness allowing the cutting in the ink film
- Good resistance from outside

Polymerisation

The opaque white must be used alone whereas, diluting white can be used with other colourings with a 10 to 20% rate in order to get a correct opaqueness. The **UViprim ECO PLUS** ink is used at delivery viscosity or slightly diluted, with 150-34 fabrics. The line colours polymerise between 20 and 40 m/min on PVC, in 150-34 under an 80 W/cm lamp.

On paper, under the same conditions, the passage speeds are halved.

As the chemical reaction continues, it is better not exceed 24 hours between each layer.

Moreover, adherence between the different colours, sometimes, must be check.

The polymerization speeds depends on the thickness deposited, the colour and the type of substrate, the type and number of UV lamps.

Due to the various printing configurations, it will better to perform some tests.

Specifications

- | | |
|-----------------------|--|
| ➤ Appearance: | glossy |
| ➤ Average density: | 1.15 |
| ➤ Viscosity: | 5 ± 1 Pa.s |
| ➤ Coverage rate: | 100 m ² /kg
with a 150 - 31 mesh |
| ➤ Weather resistance: | good |

- | | |
|--|--|
| ➤ Light fastness
(scale from 1 to 8): | very good except for indoor applications |
| ➤ Thinner: | 31970NG*: 10% max. |
| ➤ Cleaning solvents: | 2881, 2891, NS-81
and NS-91 |
| ➤ Expiry: | refer to the label |

* Diluent 31970NG : Skin irritation, Category 2 ; Eye irritation, Category 2, Skin sensitisation, Category 1

The **UViprim ECO PLUS** inks comply with EN 71-3 standard.

STANDARD COLOURS		Ref. 5 kg
STANDARD COLOURS FOR OUTDOOR APPLICATION		
	Thinner white	3844000NG
	Resist lemon yellow	3844002RNG
	Gold yellow	3844004NG
	Resist orange	3844006RNG
	Resist scarlet	3844007RNG
	Resist red	3844008RNG
	Cyclamen	3844014NG
	Purple / Violet	3844016NG
	Blue	3844022NG
	Royal blue	3844028NG
	Emerald green	3844033NG
	Black	3844044NG
STANDARD COLOURS FOR INDOOR APPLICATION		
	Lemon yellow	3844002NG
	Orange	3844006NG
	Scarlet	3844007NG
	Red	3844008NG
	Green	3844032NG

Non contractual colours and pictures
On simple request, we can propose you a color panel card displaying accurate shades.

STANDARD COLOURS	Ref. 5 kg	Ref. 25 kg
4-COLOURS PROCESS THIXO		
Thixo 4-colours yellow	3844050NG	3846050NG
Thixo 4-colours magenta	3844052NG	3846052NG
Thixo 4-colours cyan	3844054NG	3846054NG
Thixo 4-colours black	3844056NG	3846056NG
Thixo 4-colours thinner base	3844057NG	3846057NG
OPAQUE		
Opaque white	3844080NG	
Opaque black	3844081NG	
BASE		
Thinner base	3844058NG	
ADDITIVES		
Photoinitiator, per 100 g	38C0595	
Catalyst, 1 liter tin	3822090	



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