

DELTASPEED UV LED

SHEETFED OFFSET UV LED INK SERIES

Applications:

Offset printing machine with
UV LED drier at 385 nm / 395 nm

- editions
- publicity
- packaging
- labels

Substrates:

- paper and board

Characteristics:

very fast curing;
Low-odor;
Hi-gloss and hi rub resistance.

NOT SUITABLE FOR FOOD PACKAGING PRODUCTION.

DELTASPEED UV-LED		Scala Europa	Luce	Nitro	Alcali	Vernice UV/Acrylica
Yellow	Process	217201	5	si	si	si
Magenta	Process	217202	5	si	no	si
Cyan	Process	217203**	8	si	si	si
Black	Process	217204**	8	si	si	si
Yellow LR		217217**	7	si	si	si
Red LR		217218**	7	si	si	si

e inoltre i seguenti colori base:

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DELTASPEED UV LED	Basi	Luce	Nitro	Alcali	Vernice UV/Acrylica
Yellow Base	217211	4	si	si	si
Yellow 012	217212	4	si	si	si
Orange 021	217221**	6	si	si	si
Warm Red	217208	3	Limitata	no	Limitata*
Medium Red 032	217232**	5-6	Limitata	si	Limitata*
Rubine	217222**	5	si	no	si
Rhodamine	217205**	7	si	si	si
Purple	217209**	7	si	si	si
Violet	217290**	8	si	si	si
Bleu Process	217213**	8	si	si	si
Bleu 072	217272**	8	si	si	si
Bleu Reflex	217206**	8	si	si	si
Green	217207**	8	si	si	si
Black base	217214**	8	si	si	si
Transparent White	217200**	-	-	-	-
Opaque White	217210**	-	-	-	-
Silver	217877**	-	-	-	-
Gold R.P.	217700/new**	-	-	-	-

* The limitation to UV painting concerns the use of ink at low concentrations

** inks suitable for grinding wheel application

ADDITIVES:

195479 - UV/LED FP CATALYST 218950

To be added to the ink in the measure of 3% - 5% to implement its reactivity.

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LITO-MATT UV/LED	217438 – OVERPRINTABLE –
LITO-GLOSS UV/LED	217400 – OVERPRINTABLE –
DELTACOTE FLEXO GLOSS UV/LED	F431160 – NOT OVERPRINTABLE –
DELTACOTE FLEXO MATT UV/LED	F531000 – NOT OVERPRINTABLE –
LITOMATT EFFECT UV/LED	217600 – NOT OVERPRINTABLE –
DELTACOTE FLEXO UV/LED EFFECT	F430460 – OVERPRINTABLE –

In addition there are also available the bi-component metallic inks in the following shades:

SILVER PASTE 800/N/UV;
PALE GOLD PASTE 200/UV/NEW;
RICH-GOLD PASTE 700/UV/NEW;
RICH GOLD 900/UV/NEW;

To be mixed with UV / LED varnish for metallised ink:

UV VARNISH X INK MET LED 195222.

Ratio: 7/3 7 part of varnish, 3 of silver paste;

Ratio: 6/4 6 part of varnish, 4 of gold paste.

The DELTASPEED UV LED series is compliant with ISO 2846-1 which specifies the characteristics of color and transparency that the four-color inks (scale) must have for printing tests and for production in lithographic offset printing.

DELTASPEED UV LED inks have a printability comparable to that of conventional inks; the machines must be equipped with rollers, blankets and plates suitable for printing with UV inks.

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Since DELTASPEED UV LED inks have a different formulation base than normal UV inks, mixtures should be avoided as they would negatively affect their reactivity.

Due to their reactivity, DELTASPEED UV LED inks can increase viscosity over time.

If stored in a cool place away from light, 1 year stability is guaranteed from the date of production.

The degree of polymerization is influenced by various factors such as:

- the power of the UV LED lamp / lamp distance from the sheet;
- the thickness of the ink film;
- print speed.

Packaging: 2.5 kg cans