

UPDATE

News for offset printers · BU Sheetfed · EMEA Edition



A startling new UV Flexo Relief OPV



Relief effect printed by VERPACK FRANCE and presented at the LUXE PACK Monaco 2017

*Process: UV flexo printing | Application: Packaging
Series: SICURA relief UV flexo OPV
Product number: 85-601323-0*

This recently developed overprint varnish is a real breakthrough because of its very high relief effect and its excellent adhesion whatever the substrate.

Usually, the drip-off effect is due to the superimposition of matt and gloss UV varnishes; therefore, two units are normally monopolized. With this new relief overprint varnish, a **wonderful relief effect is created in one single pass**. The rub resistance and the reactivity are extraordinary. The new relief varnish is especially suited to small-area printouts and texts onto luxury packaging. Combined with a matt OPV, it emphasizes the contrast effect even more.

Field Report

The Imprimerie de la Centrale increased its productivity with SICURA Low NRGY/LED inks

The printing plant Imprimerie de la Centrale in Lens (Pas-de-Calais/France) has acquired a solid reputation based on responsiveness and flexibility in all aspects and particularly thanks to its **high level of print quality**. **In addition, the respect for the environment is one of the company's key values.** Energy saving is perfectly in line with this approach, and the investment made in 2016 in a Heidelberg CX 102 5-colors UV LE-UV offset press with UV FLEXO varnish is the clear consequence.

After a thorough selection process, the management of the Imprimerie de la Centrale definitely decided to print with **SICURA Low NRGY/LED inks from SIEGWERK**. Strong reactivity, perfect user friendliness and excellent scratch resistance are convincing assets of this series. High print quality is demonstrated daily on a very wide range of print jobs.

Mr. Christophe Capelle, CEO of the Lens plant, says: **«Since the combined use of the Heidelberg LE-UV press and**

SIEGWERK's inks, we achieved higher productivity while improving the quality of our printed products.»



Mr. Christophe Capelle (right) in front of the Heidelberg CX 102 5-colors UV LE-UV offset press.



Siegwerk has become licensee of Pantone LIVE

Pantone LIVE is a cloud-based ink catalog by X-Rite, the owner of Pantone.

The digital ink catalog contains Pantone Master Standards, «Dependent Standards» and Brand Inks. With a few clicks, printers can use pure spectral values for spot inks, in order to achieve precisely the color specified by using the Siegwerk color assortments for IFS, regardless of the printing method, the substrate used and the type of ink.

The availability of «Dependent Standards» is new; **this allows a printer to use data which in respect of the printing method, substrate and ink system**

correspond precisely to his current requirements. The printer can compare the LAB values of his printout with the «Dependent Standards» in order to ensure that the printed spot color matches the target color exactly.

In contrast to the traditional Pantone catalog in paper form, which is based on a single printing method and on only two substrates, Pantone LIVE contains 22 libraries (with 28 common print substrates), arranged by substrate family and printing method. The color matching is easier to achieve because the target color corresponds to the actual application. www.pantone.com/live

Pantone LIVE Libraries for folding boxes (examples)

Print Process & Ink	PLV Code	Substrate Description
Sheetfed Offset conventional	LPEB	Printed on recycled carton board V
Sheetfed Offset conventional	LPGB	Printed on virgin carton board V
Sheetfed Offset UV	LUED	Printed on recycled carton board V

SICURA Low NRGY Plast for non-absorbent substrates

Process: UV sheet-fed offset | Application: Commercial printing, packaging | Series: SICURA Low NRGY Plast

The low energy and LED offset technologies offer high print quality as well as high productivity and excellent economic performance.

The new series is characterized by **very good adhesion on a wide range of non-absorbent materials** and first-rate printability. It is suitable for both low energy

and for LED UV systems. Furthermore, the inks show high reactivity, trouble-free curing and superb dot definition.

The series is the best in its category for the minimum number of sheets required to reach the right color density, and so it helps to minimize material waste and production costs.

We are pleased to welcome...



Michela Scagnetti as our new Technology Manager for conventional offset sheet-fed inks. After gaining a successful master's degree in Products, Materials and Processes for Industrial Chemistry at the University of Bologna, Michela further gained a Ph. D. in Synthetic Organic Chemistry at the Royal College of Surgeons in Ireland. Last November, Michela took over the lead of our offset laboratory in our Spanish Center of Excellence in Loeches. We wish her every success in her new position!

COLOR NEWS – Edition N°4

This new edition is particularly rich in information about various topics relating to the color world. Notably articles have been issued about densitometry, color gamut and «aspects of color beyond technical constraints». The news is available on request. Contact info@siegwerk.com to get this brochure.

INKday 2018 in Germany

8th March 2018 in Siegburg



This event is part of Siegwerk's successful INKday series. It is an ideal forum for meeting up with experts, exchanging views and discovering new ink and varnish solutions. This time, the main focus will be on the following topics: **low migration ink solutions, low energy and LED systems, inks for special applications and luxury packaging.**

So please, don't miss this day and save the date in your agenda.

