

INXCure™ LW-ECO EU OSF Process Inks

INXCure™ LW-ECO EU OSF Process Inks are a set of 100% reactive UV inks that cure using latest UV lamp technologies. This would include LED (Light Emitting Diode) bulbs and the new iron-doped additive lamps being offered by the top press manufactures:

LE-UV from Heidelberg

HR-UV from KBA

H-UV from Komori

LEC-UV from Manroland

These inks have been formulated using bio technology materials and show excellent deinkability properties

They are suitable for high-end sheetfed applications

Product Features

- These inks have successfully passed the deinkability test according to INGEDE method 11
- Cures using various types of additive and longer wavelength types of UV and LED technology
- Excellent cure response to print at maximum press speeds
- Good rub and abrasion resistance
- Stepped tack sequence to allow for wet trapping
- Responsive density control with wide water window
- Comes quickly to color after shutdowns
- Print on a wide variety of coated and uncoated paper stocks, coated board stocks, foil stocks and metalized paper¹
- Compatible with a variety of fountain solutions
- May be coated with Aqueous or LE, LED or H-UV coating and overprint varnishes inline.

¹ Adhesion should always be checked prior to use

Product Notes

- Due to their unique formulation these inks are only compatible with themselves. They should not be mixed with any other product lines.
- The inks are highly reactive to visible light. Care should be taken with the placement of lighting in the press room.

Process Inks

Black	1629846
Cyan	1629845
Magenta	1629844
Yellow	1629843

Tack

160 - 230 @ 100 m/min²

²Tacks may vary depending on the equipment used

Typical Viscosity range

150 - 330 poise @ 2500 sec.⁻¹

INFORMATION IN THIS DOCUMENT IS BASED IN OUR CURRENT KNOWLEDGE. USER SHOULD UNDERTAKE APPROPRIATE TESTING IN ORDER TO VERIFY SUITABILITY OF THE PRODUCT FOR THE DIFFERENT APPLICATIONS AND CONDITIONS. ANY CHANGE IN CONDITIONS OR FINAL USE SHOULD BE TAKEN ACCOUNT

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Cure Speed

Adequate curing is required for this system. Cure speeds will be dependent upon film thickness, substrates and the type/condition of the UV/LED curing equipment

Fastness properties

Reference	Lightfastness	Bleed resistance			
	Blue wool	Acid	Alkali	Ethanol	Soap
1629846 Process Black	8	5	5	5	5
1629845 Process Blue	8	5	5	5	5
1629844 Process Magenta	4	2	2	4	2
1629843 Process Yellow	4	5	5	4	5

Note: This information is based on that provided by pigment suppliers

These are guidelines only and not intended to replace actual testing

Lightfastness values follow blue wool scale (1-8). These values refer to a solid tone printing. Lightfastness decreases when colours are intermixed

Other values go from 1 (poor) to 5 (excellent)

Storage and Shelf Life

- Containers should be resealed promptly after use
- Prolonged exposure to sunlight should be avoided
- For maximum shelf life (up to 12 months from date of manufacture depending on storage conditions), closed containers should not be stored at temperatures in excess of 25°C
- Surplus ink from press fountain should never be returned to original containers

For more information contact our technical department:

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