



# UltraCURA Sens Bases

The bases series for food packaging printing in sheetfed for paper and plastic substrates

## UV base colour ink series for sheetfed offset

### Product Features

- UltraCURA Sens Bases is a low-odour, low-migration base colour ink series for sheetfed packaging printing. It has been developed especially for food packaging applications where there is no direct contact between the printed image and the contents of the package.
- UltraCURA Sens Bases are ideally suited for plastic substrates like polyethylene, polypropylene, PVC etc. as well as coated and uncoated papers and board.
- UltraCURA Sens Bases consist of 13 base colours as well as black and transparent white. Base colours have high colour strength, optimised to blend spot colours. Specific fastnesses can also be achieved fitting requirements often encountered in packaging printing.
- UltraCURA Sens Bases are particularly suited for the production of packaging that complies with the requirements of the EU-regulation 1935/2004 and 2023/2006 as well as with the Swiss Ordinance 817.023.21. Additionally the series meets the requirements of the EuPIA Guideline „Printing Inks applied to the non-food contact surface of food packaging materials and articles“.

### Advantages of UltraCURA Sens Bases

- Low-odour and low-migration.
- Good press stability and ink-water stability.
- Fast curing speed.
- Good flow in the ink duct.
- Good rub resistance.
- Also suitable for web offset.

# UltraCURA Sens Bases

		Fastness properties			
		Light fastness	Alcohol	Solvent mixture	Alkali
UltraCURA Sens	Article code				
Yellow	VW25-100*	5	+	+	+
Opaque Yellow	VW25-105*	5	+	+	+
Orange	VW25-200*	5	+	+	+
Red 032	VW25-302*	5	+	-	+
Rubine Red	VW25-301*	5	+	+	-
Resistant Rhodamine Red	VW25-369*	7	+	+	+
Resistant Violet	VW25-450*	7	+	+	+
Process Blue	VW25-500*	8	+	+	+
Resistant Reflex Blue	VW25-508*	7	+	+	+
Green	VW25-600*	8	+	+	+
Transparent White	VW25-000*	Not applicable			
Opaque White	VW25-001*	Not applicable			
Black	VW25-960*	8	+	+	+
		Light fastness properties according to ISO 12040: from 1 (low) to 8 (high) Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided * Depending on the producing site			
Highest fastness properties	Article code				
Y/S Red	VW25-355*	7	+	+	+
Resistant Rubine Red	VW25-366*	7	+	+	+

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# UltraCURA Sens Bases

<b>Substrates</b>	<p>Ideally suited for plastic substrates like for example polyethylene, polypropylene and PVC. Well suited for coated and uncoated papers and board.</p> <p>In view of the wide substrates offered by various manufacturers and in order to check the suitability for the printing of food packaging we recommend carrying out your own tests before starting a print run.</p>
<b>Remarks</b>	<p>UltraCURA Sens Bases are not permitted for direct food contact.</p>
<b>Varnish</b>	<p>To preserve low-odour and low-migration properties, please consult Flint Group specific application and technical recommendation advice.</p>
<b>Fountain solutions</b>	<p>Consult your Flint Group representative for specific recommendations.</p>
<b>Shelf life and storage</b>	<p>The recommended storage temperature is 5 - 35° C.</p> <p>Direct sunlight should be avoided to prevent polymerisation. Meeting the recommended storage conditions, UltraCURA Sens Bases will remain stable for a minimum of 18 months from the date of manufacture.</p>
<b>Special notes</b>	<p>In case the printing press was previously running with conventional inks, it should be thoroughly cleaned and all ink residues have to be removed before printing with low-migration ink.</p> <p>We recommend an accurate control of the polymerization process under the UV lamps.</p>

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### **You are welcome to contact us for further information.**

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