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# UltraCURA Plas Base

Base colour ink series for use on non-porous substrates

## UV base colour ink series for sheetfed offset

### Product Features

- UltraCURA Plas Base is a highly reactive UV base colour ink series for sheetfed presses.
- It is suitable for the non-porous substrates used in non-food packaging, label, CD's, films, adhesive labels, laser forms, shrink films and commercial printing.
- The series consists of 13 base colour inks as well as a standard and special Dense Black. Within this base colour series we offer further a transparent white as well as a standard opaque white and a High Curing opaque white. Base colours have high colour strength, optimised to blend spot colours.

### Advantages of UltraCURA Plas Base

- Fast work turnaround.
- High colour strength.
- Excellent ink-water stability.
- Fast curing speed.
- Reduced energy consumption.
- Excellent adhesion on plastic substrates.
- Also suitable for web offset.

**FlintGroup**

# UltraCURA Plas Base

		Fastness properties			
		Light fastness	Alcohol	Solvent mixture	Alkali
	Article code				
<b>UltraCURA Plas</b>					
Yellow	VW18-100*	5	+	+	+
Orange	VW18-200*	5	+	+	+
Warm Red	VW18-300*	3	+	+	-
Red 032	VW18-302*	5	+	-	+
Rubine Red	VW18-301*	5	+	+	-
Rhodamine Red	VW18-303*	4	-	-	-
Purple	VW18-400*	3	-	-	-
Violet	VW18-401*	3	-	-	-
Blue 072	VW18-572*	4	-	-	-
Process Blue	VW18-500*	8	+	+	+
Reflex Blue	VW18-501*	3	-	-	+
Reflex Blue Extra	VW18-505*	4	-	-	-
Green	VW18-600*	8	+	+	+
Transparent White	VW18-000*	Not applicable			
Opaque White	VW18-001*	Not applicable			
High Curing Opaque White	VW3K-001*	Not applicable			
Black	VW18-960*	8	+	+	+
Dense Black	VW18-958*	8	+	+	+
<b>UltraCURA Fast</b>					
Resistant G/S Yellow	VW18-190*	7	+	+	+
Resistant R/S Yellow	VW18-189*	7	+	+	+
Resistant Orange	VW18-211*	7	+	+	+
Y/S Red	VW18-355*	7	+	+	+
Resistant Rubine Red	VW18-366*	7	+	+	+
Resistant Rhodamine Red	VW18-369*	7	+	+	+
Resistant Violet	VW18-450*	7	+	+	+
Resistant Reflex Blue	VW18-508*	7	+	+	+

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

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# UltraCURA Plas Base

## Substrates

Ideally suited for coated and uncoated paper and board and non-absorbent substrates.

## Hints for the mixing of spot colours

Thanks to their high colour strength and mono-pigmentation, UltraCURA Plas Base colour inks feature very easy formulation and mixing of spot colours; also true when specific resistance requirements are specified. Furthermore it is possible to achieve all colour shades of the PANTONE® range with the typical film weight usually applied in wet offset printing. Therefore formulations for coated paper must be chosen.

## Remarks

UltraCURA Plas Base inks are suitable for printing with or without alcohol.

UltraCURA Plas Base inks have been formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers and blankets. In general, UV curable inks and the special cleaning fluids can, to a certain extent, cause swelling or shrinking of rubbers. Rubber types like EPDM, butyl nitrile or vinyl nitrile are recommended.

## Shelf life and storage

The recommended storage temperature is 5 - 35 ° C.

Direct sunlight as well as long-term exposure to fluorescent lamps should be avoided to prevent polymerisation. Meeting the recommended storage conditions, UltraCURA Plas Base will remain stable for a minimum of 18 months from the date of manufacture.

## Exceptions

Not for use for food packages without functional barrier.

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