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# Novaspot® GLOBAL FAST "C" BIO

# Novaspot® GLOBAL FAST "U" BIO

The duct-fresh spot colour ink series with increased fastness properties based on digital PANTONE® colour values

Spot colour ink series for sheetfed offset

## Product features

- Novaspot® GLOBAL FAST BIO is a ready-to-print, duct-fresh spot colour ink series, based on renewable raw materials with enlarged fastness properties. It is matched on the basis of the digital PANTONE® colour values and is therefore independent of production-related unavoidable colour tone differences from fan edition to fan edition. The series includes all PANTONE® colour shades and is constantly being expanded to include new shades of new editions. Novaspot® GLOBAL FAST BIO spot inks are alcohol-, solvent mixture- and alkali-fast. The series is available as Novaspot® GLOBAL FAST "C" BIO for coated papers and as Novaspot® GLOBAL FAST "U" BIO for uncoated papers.
- Due to the specific fastness properties of the series the spot inks are perfectly suited for subsequently print finishing – for detailed information to that please consider the leaflet "Resistance of offset inks required for surface finishing" from the German association of printing ink industry or our Technical review of the same name.
- The series is excellently suited both for printing presses of the latest generation and printing machines of older designs and construction.
- The benefits of Novaspot® GLOBAL PLUS BIO are high brilliance, very good ink/water balance, good ink setting properties and as a result, rapid further processing with a good behaviour in the pile and very high rub resistance.

## Advantages of Novaspot® GLOBAL FAST BIO

- Ready-to-print spot colour inks with enlarged fastness properties.
- Colour tones correspond to digital PANTONE® colour values.
- Available for coated and uncoated papers.
- Optimal wetting of the pigment through BIO-binders.
- Very high rub resistance.
- Very good ink/water balance.



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# Novaspot® GLOBAL FAST BIO



		Fastness properties				Printing properties							
		Opacity	Alcohol	Solvent mixture	Alkali	Gloss	Setting	Oxidative drying	Rub resistance	Rapid further processing	Suitability for gloss coated papers/board	Suitability for uncoated papers/board	Suitability for matt coated papers/board
<b>Novaspot® GLOBAL FAST BIO</b>	<b>Product code</b>					<b>6</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>5</b>
<b>Yellow PANTONE® 100</b>	<b>VI72-101*</b>	t	+	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed							
.....													
<b>Orange PANTONE® 1505</b>	<b>VI72-270*</b>	t	+	+	+								
.....													
<b>Brown PANTONE® 7771</b>	<b>VI72-8H5*</b>	so	+	+	+								

\* Flint Group country code

Light fastness properties according to ISO 12040: from 1 (low) to 8 (high)

Fastness properties according to ISO 2836: + = Resistance provided  
+/- = Resistance partly provided  
- = Resistance not provided

Opacity:  
o = opaque so = slightly opaque  
t = transparent

## Drying properties

Duct-fresh.

## Substrates

Optimally suited for gloss coated and uncoated paper and board and well suited for matt coated paper. For the matching of the series Novaspot® GLOBAL FAST "C" BIO the gloss coated paper Maxigloss 135 g/m<sup>2</sup> was used, the matching of Novaspot® GLOBAL FAST "U" BIO series is based on the uncoated paper Maxioffset 100g/m<sup>2</sup>. The same ink formulations are used for coated and uncoated papers in the PANTONE® formula guide. The uncoated printing paper used in the PANTONE PLUS book shows considerable deviations from European papers. For the shades in the PANTONE PLUS uncoated book, particularly in light colours, different formulations for matchings on coated and uncoated paper arise. Nevertheless, the great diversity in uncoated materials on the market can cause wide colour variation. We therefore recommend, if the best possible match to the PANTONE® colour guide is required on widely diverse substrates, individual shades should be matched on the customers' own paper.

## Remarks

The basis for the matching of this series are the digital PANTONE® colour values. To achieve the specific fastness properties of the series particular, fast colour pigments are used. Caused by that, colour variations from the PANTONE® formula guide are possible and technically inevitable.

## Exceptions

Not for use on food packaging without functional barrier.

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