

# Saphira

## Ink C Standard 100

HEIDELBERG

### The allround series to process standard ISO 12647/2

**Distinctive quality inks.** The quality of an ink can be characterized by a large number of laboratory and print parameters. These include e.g. fastness parameters such as lightfastness and chemical resistance, and physical (tack, viscosity) and colorimetric properties (Lab). Moreover, ink also has to satisfy a whole array of additional print and postpress parameters such as print quality, smoothness in solids and screens, high-gloss effects, rub resistance, etc. Heidelberg® has put together a practical portfolio of inks to cover these special requirements.

**Saphira Ink C Standard 100.** Saphira® Ink C Standard 100 is a series of duct-fresh, quick-drying inks made from sustainable raw materials. Its benefits include outstanding ink-water stability, excellent absorption properties, and fast finishing. It is ideally suited for straight printing and perfecting printing. As part of the Saphira Starter Kit Commercial Standard, this series of inks is preferred specifically for meeting the print and colorimetric requirements of the international ISO 12647/2 standard.



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## Saphira Ink C Standard 100

### At a glance:

- A series of quick-drying inks
- Duct-fresh
- Ideally suited for straight printing and for perfecting printing
- Based on renewable raw materials
- Outstanding ink and water stability – best approximation to process standard ISO 12647/2

### Printing stocks:

- Ideally suited for coated and matt-coated papers and card
- Suitable for a number of uncoated printing stock qualities

### Technical specifications

Saphira designation	Light	Alkali	Solvent mixture	Ethanol	Hot calendering	Printing properties
Ink C Standard 100 Cyan	8	+	+	+	+	Gradation 6
Ink C Standard 100 Magenta	5	–	+	+	+	Gloss 5
Ink C Standard 100 Yellow	5	+	+	+	+	Absorption 6
Ink C Standard 100 Black, true	8	+	+	+	+	Oxidative drying 5
Ink C Standard 100 Black, blue enhanced	8	+	–	–	–	Rub resistance 6
						Fast finishing 6
						Suitability for glossy coated papers/card 7
						Suitability for uncoated papers/card 5
						Suitability for matt-coated papers/card 7

Lightfastness: As per ISO 12040 from 1 (low) to 8 (high); Fastness (other types): As per ISO 2836

+ = is fast (resistant)  
– = is not fast (not resistant)

1 = poor  
7 = excellent

This technical datasheet is intended as a source of information and advice for our customers. However, the successful application of these products depends on a number of factors that are outside our control. As a result, this information cannot serve as a guarantee of any kind.

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