

Saphira Ink Perfect Board

HEIDELBERG

Perfection when it comes to rub resistance in perfecting printing

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 Perfect Board. Saphira® Ink Perfect Board is an intense, highly rub-resistant series of inks based on renewable raw materials that exhibits rapid oxidative drying. It is particularly suitable for perfecting printing on very fast-running multicolor presses. Thanks to the use of new binding agent components, it delivers outstanding ink-water stability along with a vastly reduced misting tendency – particularly at high print speeds. Their duct-fresh qualities ensure that Saphira Ink Perfect Board delivers the perfect compromise between duct-fresh and oxidative drying characteristics. Moreover, the inks are also suitable for print work in line with ISO 12647-2.



Heidelberger Druckmaschinen AG

Kurfuersten-Anlage 52-60
69115 Heidelberg
Germany
Phone +49 6221 92-00
Fax +49 6221 92-6999
www.heidelberg.com

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Subject to technical modifications and other changes.

Saphira Ink Perfect Board

At a glance:

- Rapid oxidative drying
- Conditional duct-fresh
- Highly scuff-resistant series of inks
- Particularly suitable for very fast-running multicolor presses and perfecting printing
- Based on renewable raw materials
- Suitable for print work in accordance with ISO 12647-2

Printing stocks:

- Exceptionally well suited for use with matt-coated papers/card
- Ideally suited for use with glossy coated papers/card
- Very well suited for use with uncoated papers/card

Technical specifications

Fastness	Light	Alkali	Solvent mixture	Ethanol	Hot calendering	Printing properties
Saphira Ink Perfect Board Cyan	8	+	+	+	+	Gradation 6
Saphira Ink Perfect Board Magenta	5	-	+	+	+	Gloss 6
Saphira Ink Perfect Board Yellow	5	+	+	+	+	Absorption 5
Saphira Ink Perfect Board Black, true	8	+	+	+	+	Oxidative drying 6
						Rub resistance 7
						Fast finishing 5
						Suitability for glossy coated papers/card 7
						Suitability for uncoated papers/card 6
						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.

The New Peace of Mind. The combination of Saphira consumables, Heidelberg know-how, and your own expertise brings stability to production. This means you can relax.

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