



*Rely on us.*SM

Novaboard® C 1090 RACE BIO

The fast drying, high rub resistant, BIO process series

K+E® standard process inks for sheetfed offset

Product Features

- Novaboard® C 1090 RACE BIO is a colour-intense, very rub-resistant process ink series, based on renewable raw materials. Fast setting with very fast oxidative drying properties.
- It is optimally suited for straight-line printing on all multi-colour printing presses as well as perfecting presses.
- Suitable for most diverse substrates, Novaboard® C 1090 RACE BIO is also ideal for picking sensitive papers and provides maximum substrate choice flexibility.
- Furthermore, Novaboard® C 1090 RACE BIO has outstanding process stability and an excellent ink water balance.

Advantages of Novaboard® C 1090 RACE BIO

- Highest rub resistance.
- Very well suited for all kind of substrates – especially for picking sensitive papers.
- Fastest oxidative drying.
- Excellent printability also on perfecting presses.
- Newest binder technology with optimised ink-water stability.
- Very fast setting.
- Very high gloss.
- High process stability.



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Novaboard® C 1090 RACE BIO



	Fastness properties					Printing properties								
	Light fastness	Alcohol	Solvent mixture	Alkali	Hot-calendering	Dot gain	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
Novaboard® C 1090						6	6	5	6	7	6	7	7	7
Novaboard® 1 C 1090 RACE BIO Yellow	5	+	+	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed								
Novaboard® 2 C 1090 RACE BIO Magenta	5	+	+	-	+	The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.								
Novaboard® 4 C 1090 RACE BIO Cyan	8	+	+	+	+									
Novaboard® 1090 RACE BIO Black, fast blue-toned	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														

Drying properties

Partly duct-fresh.

Substrates

Optimally suited for matt, gloss coated papers as well as uncoated papers and board.

Remarks

Due to its partly duct-fresh setting, Novaboard® C 1090 RACE BIO provides an excellent compromise between conventional duct-fresh and oxidative drying.

Novaboard® C 1090 RACE BIO has high process stability which allows stable production printing and this ensures top quality and maximum economic efficiency at the same time. Further, this series shows very good suitability for reduced alcohol printing. Suited for print corresponding to ISO 12647-2.

Exceptions

Not for use on food packaging without functional barrier.

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