

K+E® Novaboard® C 990 PROTECT BIO

The rub-resistant series in BIO-quality for perfecting

K+E® standard process inks for sheetfed offset

Product Features


- Novaboard® C 990 PROTECT BIO is a color-intense, very rub-resistant process ink series, based on renewable raw materials, with very fast oxidative drying properties.
- It is ideally suited for perfecting on fast-running, multi-color printing presses.
- Excellent ink/water stability and reduced misting properties, especially at high printing speeds.

Advantages of K+E® Novaboard® C 990 PROTECT BIO

- Highest rub resistance
- Fastest oxidative drying
- Rapid and reliable further processing
- Excellent printability, even on perfecting presses
- Newest binder technology with optimized ink/water stability
- High process stability
- Very well suited for all kinds of substrates – especially for matte coated papers



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	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 matte-coated papers/board
Novaboard® C990						6	6	5	6	7	6	7	6	7
Novaboard® 1 C 990 PROTECT BIO Yellow	5	+	+	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed								
Novaboard® 1 C 990 PROTECT BIO Magenta	5	+	+	-	+	The assessment of the color properties was made under standardized 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® 1 C 990 PROTECT BIO Cyan	8	+	+	+	+									
Novaboard® 1 C 990 PROTECT BIO Black, 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

Ideally suited for matte coated papers and board, ideal for gloss coated papers and board, very well suited for uncoated papers and board.

Remarks

Due to its partly duct-fresh setting, Novaboard® C 990 PROTECT BIO provides an excellent compromise between conventional duct-fresh and oxidative drying. Suited for printing work corresponding to ISO 12647-2.

Exceptions

Not for use on food packaging without a functional barrier.

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