

Novasens® 225140 PREMIUM

Cold foil glue for silver foils

Functional ink for sheetfed offset

Product features

- Novasens® 225140 PREMIUM is a low-odour and low-migration cold foil glue for silver foils, that is used in cold foil applications systems such as manroland InlineFoiler, Heidelberg foil star and KBA ColdFoiler. In contrast to previous effect foil applications, for which a letterpress or flexographic unit is necessary, these new systems apply the cold foil using two conventional offset printing units.
- Novasens® 225140 PREMIUM is applied through the first inking unit and an offset printing plate as a spot application, or to the entire sheet. The following printing unit is for applying the foil to the parts of the substrates coated with glue. Subsequent overprinting of the foil enables a great variety of colour nuances to be achieved.
- The glue is ready-to-print, can be handled as a conventional offset ink and offers good printability.
- Novasens® 225140 PREMIUM is particularly well suited for the use on coated substrates in straight-line-printing on all multi-colour printing presses equipped with cold foil application systems.

Advantages of Novasens® 225140 PREMIUM

- Suitable for cold foil application systems.
- Ready-to-print.
- Low-odour, low-migration.
- The glue complies with the requirements for printing inks for food packaging (according to EuPIA Guideline).
- Good printability.
- Ideally suited for coated papers board.

Novasens® 225140 PREMIUM

Denomination	Product code	Fastness properties			Printing properties							
		Ethanol	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
Novasens® 225140 PREMIUM Cold foil glue for silver foils	VI37-72AN-XSBM	+	+	+	1	6	1	1	1	7	2	6
					1 = Characteristic weakly expressed 7 = Characteristic strongly expressed							
Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided					The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high densities, the classification of certain properties may be different.							

Drying properties

Drying by absorption.

Substrates

Ideally suited for coated papers and board.

In view of the wide substrates offered by various manufacturers we strongly recommend carrying out your own tests before starting a print run.

Additives

Only Flint Group released additives may be used. As thinner we recommend Novasens® PREMIUM Reducer and for tack reduction Novasens® PREMIUM Redux Paste.

Remarks

Glue can be washed off from rollers with standard washes.

Novaspot® 225140 PREMIUM was tested with standard foils.

Novaspot® 225140 PREMIUM is particularly suited for the production of packaging that complies with the requirements of the EU-regulation 1935/2004 and 2023/2006 as well as with the Swiss Ordinance 817.023.21. Additionally the glue meets the requirements of the EuPIA Guideline "Printing Inks applied to the non-food contact surface of food packaging materials and articles".

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