

PRINTLAC®

## PRINTLAC® COFREE matt

10 L 9315

PRINTLAC COFREE matt 10 L 9315 is a cobalt-free and mineral oil-free, sheet-fed offset overprint varnish with quick setting speed and quick oxidative drying. With our cobalt- and mineral oil-free PRINTLAC COFREE series we are already accounting for future European aspirations today.

### Application

PRINTLAC COFREE matt 10 L 9315 is suitable for wet-on-wet printing, but it is especially recommended for offline varnishing in a second pass where higher volumes can be transferred to achieve a better matt effect. It can be used either with or without fountain solution. We strictly advise not to use it for double-sided varnishing on inline perfecting presses. Contact yellowing cannot be completely ruled out when printing varnishes are used. For more information, please refer to our information sheets on yellowing.

This overprint varnish is formulated mineral oil free, but is not of the "low-migration" type. It is not recommended for the manufacture of food packaging.

### Properties

- Mineral oil-free
- Very good matt effect
- Fast setting
- Fast oxidative drying
- Very good pile behaviour
- Good rub resistance
- Low yellowing

### Advantages of print varnishes over other coating systems

- Good price-value relation due to processing (regular offset plates, regular printing unit)
- True to register spot varnishing
- Coating of light-weight papers with the substrate remaining dimensionally stable (less exposure to moisture)
- No requirement for particular fastness properties from the ink (as e.g. resistance to nitro or alkalis)

### Special remarks

In contrast with water-based coatings and UV coatings, print varnishes are comparatively slow-drying. The mechanism of oxidative drying, which produces stable coating films in print varnishes as a result of the cross-linking of fatty acid chains, can occupy several hours or even days, depending on the drying conditions. Drying can be accelerated by the use of IR radiators. However, pile temperatures of more than 35 °C must always be avoided as there is a risk of blocking. Duct-fresh inks under the varnish can delay drying, especially on papers with low absorption capacity.

## **Printing auxiliaries**

The specified print varnish is ready for printing and can normally be used without the help of additives. If in exceptional cases it is necessary to reduce the tack for papers that are particularly susceptible to picking, **Ink Oil 10 T 1405** should be used.

## **Safety**

According to the Ordinance on Hazardous Substances: none

According to the Ordinance on Flammable Liquids: none

MSDS is available upon request. Please refer to the contact of your local supplier.

## **How supplied**

2.5-kg vacuum-sealed cans