

Labitex 1290/3 TWIN MAT OFFSET (Drip-off)

Description:

Oil-based matt transparent varnish for printing on the ink unit of offset press on paper or cardboard.

Designed for technology Twin (drip-off) varnishing. It should be used together with a special UV-cured varnish Labitex UV 5579 GS

Oil-based matt varnish is applied using a printing plate to create a matte finish. The print is completely covered in-line with glossy varnish on the varnishing section. The image with Twin Mat Offset does not accept glossy varnish and remains dull, and the rest of the printing area covered with a varnish is glossy.

This technology of coating works in-line only.

Application:

Equipment:	Offset press ink unit. The machine should be adapted to work with the oil based materials, including rollers and hoses.
Application viscosity:	As delivered. Stir well before using.
Equipment clean-up:	Oil materials removers.
Coating drying:	Hot air flow 50-60°C. It is possible to work both with and without IR-dryer. If necessary, the additional siccativ may be added. The temperature in the pallet should be below 35°C.
Varnish and printing inks:	Varnished branded printing inks with a quality certificate (DIN 16524 ... NFQ 64). To avoid discoloration of the ink on the print, special paints with persistent pigments should be used. It is recommended to carry out preliminary tests when working with Purple, Reflex, Rhodamine ... paints, as well as with any special paints.
In case of varnishing:	-colors with a high content of wax or silicone additives; -water and oil varnishes that are not special primers;
Recommended film weight:	-prints, dried by infrared radiation; - and other substrates with a surface tension below 38 dyne / cm problems with adhesion and wetting of the varnished material may occur.
Gluing:	1-1.8 g/m ² depending the absorbency of the substrate.
Embossing:	Impossible.
Thermographic powder application:	Impossible.
Impression manipulation:	Impossible.
Storage:	Work with the varnished sheets (cutting, a stamping, scoring, pasting) can be carried out in 24 hours after drawing a varnish in connection with oxidative drying of oil materials. The back-side coating of the print is possible after 12 hours from the first side coating. The prior tests are required.

It is recommended to store the varnish at a temperature of 18-22°C. Shelf

Prior tests are recommended before any commercial work.

The information contained herein is based on our knowledge, true and correct. Any recommendations are made without guarantee, as the conditions of use are beyond our control. Our technical department may be contacted for further information.

Safe handling: life: 6 months in original packaging. During storage, the formation of a film of dried lacquer on the surface is possible; therefore, before use, remove the film and mix the varnish.

Avoid any contact with the skin. All work carried out in a ventilated area.

Ecology and safety: For specific environmental/food compliance requirements, please contact our technicians for more information.

Notes:

- All information provided in this Technical Data Sheet (TDS) including the recommendations for application is based on our current knowledge and experiences.
- The information about technical specifications (such as slip angle or reactivity) is based on our examinations under laboratory conditions and the mentioned values can differ from the practice.
- This document is provided for informational purposes only and do not release users from carrying out their own tests and trials.
- We reserve the right to change product properties according to the newest requirements of technical progress, amendments and additions to the list of restricted raw materials. These changes do not bring negative impact on the technical characteristics of the product.

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