

LABITEX WB 645 BLISTER

Product description:

Water-based varnish with the low temperature reactivity.
 Specially formulated for blister packaging printing. Could be applied on the cardboard by offset printing.

Physical characteristics:

Flash point:	> 100°C
Viscosity (20°C):	45 ± 5 (DIN-4)
Solid content:	40 ± 4%
pH:	8.3±0,3
Gloss (60°):	> 70
Slip:	Low
Rub resistance:	Medium
Hot stamping:	Yes
Glueability (without special glue):	Yes
Freeze stability:	No

Product features:

- Activation temperature 80°C
- Adhesion resistance up to 50°C

Substrate:

Paper	x	*** Perfect suitable
Cardboard	***	** Suitable
Non-absorbant substrates ¹	x	* Tests recommended
Treated non-absorbant substrates ¹	x	X Not suitable

¹Label paper, laminated cardboard and synthetic substrates (PP, PE, PVC, OPP and etc.)

Application:

- **Equipment:** Offset press coating unit.
 Recommended anilox – 60 lines with no less than 20 g/m². Another anilox use strongly depends on the absorbency of the substrate. Coating should be done by one film.
 Use press for blister packaging only. Work temperature is in the rage 80-140°C under 3-5 B pressure.
- **Printing recommendations** The machine should be adapted to work with the water-based materials, including rollers and hoses. The temperature of printing machine should be controlled to avoid heating and adhesion.

Version dated 11/12/2017.

STIR COATING WELL BEFORE USE!

Prior tests are recommended before undertaking 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.

WATER BASED COATINGS APPLICATION GENERAL GUIDELINE

Application viscosity:	As supplied.
Coating diluent:	Water. 5% maximum.
Coating drying:	Hot air flow 50-60°C. The temperature in the pallet should be below 35°C.
Equipment clean-up:	Liquid coating – warm water. Dried coating – ethyl acetate or another solvent.
Coating and inks:	It is not recommended to varnish oil based offset paints based on the following unstable pigments: Warm Red, Rhodamine, Purple, Purple, Blue Reflex, Blue 072. In this case, use special resistant colors.

It is possible to apply the UV-coating on top of the Labitex WB varnish dried film. For the best adhesion of the UV coating special primer is recommended.

Prior tests are recommended!

Storage:	The recommended storage temperature is 18-22°C. Guaranteed shelf life is 12 months in closed original packaging.
Safe handling:	All works should be proceeded in the ventilated working area. For more information, please, see the MSDS.

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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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