Serie of water based varnishes with barrier properties –

Labitex WB BARRIER.

Products are developed according to solution's implementation of Directive (EU) 2019/904 of the European Parliament and of
the Council of 5 June 2019 on the reduction of the impact of certain plastic products on the environment.

Replace PE films

LABITEX WB BARRIER – barrier solutions for paper and cardboard packaging *

Products	Water	Moisture of air	Greases and oils	Smells	Alkali	Heat sealing
Labitex WB 647BB	●	●	●	●		●
Labitex WB 648 B			●	●		
Labitex WB 649B		●			●	
Labitex WB 650B	●	●	●	●		

*To choose the most suitable solution for you, please contact the technical specialists of SIA Baltink

LABITEX WB 647 BB

Water-dispersion glossy varnish with barrier properties against liquids, edible fats, oils, air moisture, with the possibility of heat sealing. Designed using biodegradable raw materials. **LABITEX WB 647 BB** is classified according to European regulations for direct contact with food.

Special properties of product:

- ✓ Barrier property
- ✓ Heat sealing
- ✓ Biodegradable
- ✓ High rub resistance
- ✓ Gloss
- ✓ Direct food contact
- ✓ Recyclable

Barrier properties:

- ✓ Liquids(water) , moisture of air
- ✓ Grease and oils

Areas of use:

- ✓ Disposable cups
- ✓ Sachets – sticks
- ✓ Food packaging

Application mode:

- ➢ Coating section of an offset printing machine, anilox with a volume of 20 cm3 / m2 and an open cell. When applied in-line on an offset printing press, a dry varnish layer of at least 12 g / m2 is required for best results.
- ➢ Flexographic method, anilox with a volume of 20 cm3 / m2 and an open cell. For best results, a dry varnish layer of at least 12 g / m2 is required.
- ➢ The result is highly dependent on the absorbency of the substrate. Preliminary tests should be carried out.

LABITEX WB 648 B

Glossy waterbased varnish with barrier properties to edible fats and oils. Designed for food packaging, including packaging for direct food contact. Designed using biodegradable raw materials.

Special properties of product:

- ✓ Barrier property
- ✓ Biodegradable
- ✓ High rub resistance
- ✓ Gloss
- ✓ Direct food contact
- ✓ Recyclable

Barrier properties:

- ✓ Grease and oils

Areas of use:

- ✓ Packaging for popcorn, pizza, sandwiches, cookies

Application mode:

- ➢ Coating section of an offset printing machine, anilox with a volume of 20 cm3 / m2 and an open cell. When applied in-line on an offset printing press, a dry varnish layer of at least 6 g / m2 is required for best results.
- ➢ Flexographic method, anilox with a volume of 20 cm3 / m2 and an open cell. For best results, a dry varnish layer of at least 6 g / m2 is required.
- ➢ The result is highly dependent on the absorbency of the substrate. Preliminary tests should be carried out.

LABITEX WB 649 B

Glossy water-dispersion barrier varnish with barrier properties to air moisture in the presence of an alkaline environment. Designed using biodegradable raw materials.

Special properties of product:

- ✓ Barrier property
- ✓ Biodegradable
- ✓ High rub resistance
- ✓ Gloss
- ✓ Alkaline resistance
- ✓ Recyclable

Barrier properties:

- ✓ Air moisture in the presence of an alkaline environment

Areas of use:

- ✓ Packaging for washing powder, tablets for dishwashers, baking soda

Application mode:

- ➢ Coating section of an offset printing machine, anilox with a volume of 20 cm3 / m2 and an open cell. When applied in-line on an offset printing press, a dry varnish layer of at least 6 g / m2 is required for best results.
- ➢ Flexographic method, anilox with a volume of 20 cm3 / m2 and an open cell. For best results, a dry varnish layer of at least 6 g / m2 is required.
- ➢ The result is highly dependent on the absorbency of the substrate. Preliminary tests should be carried out.

LABITEX WB 650 B

Glossy water dispersion barrier varnish with barrier properties against fluids (water) , edible fats, oils and moisture in the air. Designed to impart barrier properties to food packaging, including packaging for direct contact with food. Designed using biodegradable raw materials.

Special properties of product:

- ✓ Barrier property
- ✓ Biodegradable
- ✓ High rub resistance
- ✓ Gloss
- ✓ Direct food contact
- ✓ Recyclable

Barrier properties:

- ✓ Fluids(water),moisture of air
- ✓ Grease and oils

Areas of use:

- ✓ Food packaging
- ✓ Disposable dishes
- ✓ Trays for vegetables and fruits

Application mode:

- ➢ Coating section of an offset printing machine, anilox with a volume of 20 cm3 / m2 and an open cell. When applied in-line on an offset printing press, a dry varnish layer of at least 6 g / m2 is required for best results.
- ➢ Flexographic method, anilox with a volume of 20 cm3 / m2 and an open cell. For best results, a dry varnish layer of at least 6 g / m2 is required.
- ➢ The result is highly dependent on the absorbency of the substrate. Preliminary tests should be carried out.

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Thank you for attention!