

Adhesive for laminated paper with paper/carton

UZIN PE 672 NEW

Water dispersion adhesive for laminated papers with paper/carton

Applications:

Industrial use adhesive for laminated paper with electrically treated PE or PP foil to be adhered with paper/carton and its derivatives intended to be used into packaging applications e.g., for boxes and bookbinding manufacturing.

Suitable for / on:

- ▶ Several types of papers with or without ink/varnish printing and its derivatives
- ▶ All types of cartons and their derivatives
- ▶ Laminated paper/carton with PE or PP foil electrically treated (corona)

Product properties / advantages:

Water dispersion adhesive, non-ionic, with high content of active solids. Dries fast and develops high strength at early drying stages. Suitable for manual applications.

- ▶ Spreads easy
- ▶ Dries fast
- ▶ Excellent adhesion
- ▶ Good thermal and moisture resistance

Technical Data:

Packaging:	PE containers
Sizing:	5kg & 10kg
Hazard:	-
Active solids:	43±1%
Color:	Milky/Transparent
Specific Gravity:	1,09kg/l
Application Temperature:	min 8°C (ASTM 2354)
Consumption:	Depends on application method
Viscosity:	3000-5000 mPas
Storage:	Min. 6 months at cold and dry place ~20°C
Cleaning:	Wet film: cold water Dry film: hot water and/or detergent Stains/Pillages: UZIN OFFSET 395

* At 20 °C and R.H.65%.

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Substrate preparation:

The bonding surfaces must be dry, clean, and free from dust and other substances that could impair adhesion. Refer to safety data sheets of the product and study carefully the compatibility of each component with UZIN Hellas various products.

Application:

1. Place the container of adhesive indoors and let it be acclimatized, for 1-2 hours.
2. Ambient temperature and humidity must be within permissible limits. Ideal temperature conditions of application ranging from 18°C to 25°C. Do not apply adhesive at temperatures below 5°C and relative humidity greater than 60%.
3. Stir well the adhesive prior to application to homogenize well.
4. Manual application: Apply the adhesive evenly on the surfaces to be bonded with a brush or roller.
5. *Any dilution of the adhesive results in physical changes of the adhesion behavior: drying time, final adhesion strength, viscosity etc.* Even though in case of dilution: use clean water to a maximum percentage of 10% w/w. Always use a different clean container for the dilution and never use the initial adhesive container. Caution! Water contains Dilution water contains microorganisms, thus in a long stay in the container they are incubated and affecting biologically the adhesive, resulting to mold, or other unpleasant odors.
6. Always close tightly lids of the containers to prevent moisture loss and infections.
7. Clean tools and residues while still fresh. After hardening, residues could be removed by special solvent UZIN OFFSET 395.

Consumption:

Consumption estimation
80-120 gr/m ² Depending on each substrate absorption

Important Notes:

- ▶ Shelf life minimum 6 months when stored in a cool dry place in original packaging. Protect from frost and heat. Opened containers must be used quickly.
- ▶ Always carry out preliminary tests with all materials together, due to seldom discoloration phenomena of adhesion application onto unstable ink/varnish substrates.

Protection of the workplace and the environment:

Skin Sens. 1: H317 - May cause an allergic skin reaction.

P101 If medical advice is needed, have a product container or label at hand. P102 Keep out of reach of children. P261 Avoid breathing vapours P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of the contents/containers in accordance with the current legislation on waste treatment

Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Substances that contribute to the classification: Rosin (CAS 8050-09-7)

Maximum V.O.C. content: 36,37 g/L (20 °C)

Information for persons with allergies is available at Poison Center +30 210 7793777 (Greece).

Disposal:

Collect product residues wherever possible and reuse. Do not allow the sewer system, bodies of water or the soil to enter. Plastic containers emptied or scraped clean and no longer dripping from any residues can be recycled. Containers with liquid residues as well as collected liquid product residues are special waste. Containers with cured residues are construction / domestic waste.