

## Planatol DK B 2100

Aqueous adhesive dispersion, free of solvents and phthalates

### Typical Application

- Gluing of form sets consisting of common and self-copying papers (NCR and others) in continuous stationery printing machines and collators with single sheet delivery (snap-out) as well as 'tent-free' zigzag delivery.
- Production of form sets made of mechanically and chemically reactive copying papers and transfer sets made of Geha-, Rena-, Ormig- oder Reuter-papers. For the manual production of weighing cards, calendar pads, or waiters' pads.

### Technical Data

#### Specification Values

Solid content (DIN 53 189)	47,0 +/- 2 %
Viscosity * (Rheostress 6000, ISO 3219, 20°C)	1.200 – 1.500 mPas
pH-Value (DIN 53 785)	4 – 6

\*at date of production

#### Typical Technical Characteristics

Film	colorless-transparent
Adhesive properties	somewhat flexible, not tacky after drying
Frost Resistance	no

#### Form of Delivery/Container

30 kg, 650 kg IBC, further on demand

### General Application Instructions

#### Processing

**Planatol DK B 2100** may be used on all common gluing systems, including gear-pumps without running the risk of coagulation or deposition. This product is incompatible with dextrin- or starch-based adhesives.

The collated and head-trimmed form sets are knocked-up to even edges, then piled-up and burdened with a weight or inserted in a glue application machine. The pressure exerted by weights or clamping devices should only be as strong as to avoid the formation of gaps between the single sets in order to prevent excessive penetration of the adhesive dispersion. Before processing, the glue should be shaken vigorously and the amount required for the moment poured into a suitable receptacle. Do not dilute it with water or pour it back into its original container.

The glue should be applied by making horizontal strokes with a soft brush, which may either be flat or round, beginning at the middle of the stacks moving towards the outer edges. After complete drying (about 1 hour), the stack can be separated with a cutting tool into individual sets.

#### Storage

Max. Processing Period: 6 Months

After delivery of the shipment, the product can be consumed during the a.m. period, provided that it is stored properly packed in factory sealed containers at a dry site at temperatures from 15 to 25°C. Planatol Wetzels GmbH grants no warranty or guarantee in case the product will be used after the expiration date of the indicated processing period.

#### Cleaning

Tools and machinery involved can be cleaned with cold water. Dried adhesive stains can be removed with the solvent Planatolin D.

**For Your Attention:**

*The indicated specification values are valid for the products at the time of delivery ex works Rohrdorf/Herford. In case of doubt Planatol Wetzel's storage samples will be examined as sole reference. Planatol Wetzel only guarantees the compliance with the specification values as indicated on the data sheet. Furthermore assurances, also orally given, are not guaranteed.*

*A self-test respectively a test of the adhesive regarding the purpose of application through the client is compulsory, especially testing the production conditions/substrates at the customer's site is obligatory. Recommendations given by Planatol Wetzel are based on experiences and are without any obligation.*

*Indications made on this data sheet present no warranty of characteristic in the sense of the current Federal Supreme Court jurisdiction and are therefore not binding. Please always get in touch self-reliant with the responsible Planatol Wetzel employee to receive the updated version of this data sheet or for further information concerning suitability regarding the FDA, BfR or EU guidelines.*

*For information regarding product safety please refer to the material safety data sheet.*