

## Planatol DK X 0090

Additive based on water

### Typical Application

This product has been designed as folding aid in folders of web offset presses fitted with a drier (heat set) decreasing the paper stiffness during the folding operation.

Quires treated with this special solution show very good lay-flat characteristics without any signs of unevenness and normal resistance to tearing and subsequent tearing.

**Planatol DK X 0090** increases the output of the web press if productions with third folds are performed, and it allows for rectangular and precise folding. Furthermore, it helps to avoid tearing of the paper in the third fold (e.g. due to extensive drying), simplifies the use of high quality papers of 100g/m<sup>2</sup> onwards, and may be used with or without silicone treatment.

### Technical Data

#### Specification Values

pH-Value (DIN 53 785) *at date of production	7,5 – 8,5
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#### Typical Technical Characteristics

Frost Resistance	no
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#### Form of Delivery/Container

30 kg, further on demand

### General Application Instructions

**Planatol DK X 0090** is a chemical compound to be diluted with water. Both the undiluted and the diluted product are non-inflammable and non-toxic in the sense of the law for toxic agents; it is no dangerous product.

Nevertheless, all precautions recommended for the handling of chemical substances should be adhered to.

**Planatol DK X 0090** contains neither nitrate, nor chromate or borate, nor does this product contain any heavy-metal compounds nor PCB, PCT or silicone.

If mixed with the portion of water recommended, the product shows very good wetting capacities also on water-repellent surfaces, it stabilizes the hardness of the added water, is corrosion-resistant and micro biocide.

### Processing

**Planatol DK X 0090** is to be applied by means of OPIMATIC **COMBI-JET** and **SOFT-JET** glue applicators.

The mixing ratio recommended is one part **DK X 0090** to 10-20 parts of water.

If water is used from indoor water pipes, it should be pure and the water flow should be constant. If dressed water is available, preference should be given to the latter.

### 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 grants no warranty or guarantee in case the product will be used after the expiration date of the indicated processing period.

**For Your Attention:**

*The indicated specification values are valid for the products at the time of delivery ex works Rohrdorf. In case of doubt Planatol storage samples will be examined as sole reference. Planatol 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 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 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.*