INNOVATION AT WORK

WEKO-S1

The product WEKO-S1 is a silicone emulsion product specially developed for use on high speed water based inkjet printing machines. The application can reliably protect the not fully dried ink on the paper web from smearing, off-setting or even blocking during unwinding of the printed rolls in post press lines.

Furthermore, the color abrasion or damage to the printed paper surfaces during post press processes (e.g. cutting and folding machines) can be avoided by using WEKO-S1.

Application

The product must be diluted with water prior to application on the printed paper web. The application concentrations should be in the range of 5% to 20%. Overdosing must be avoided because of the risk of staining.

The coated paper web should be processed further within 24 hours. The product is compatible with stainless steel, chrome, ceramic, PE and PP.

The WEKO-DigiCon with integrated or retrofitted WEKO-SiliCon is perfectly matching to apply the diluted solution.

WEKO offers different container sizes available on request.

S1

WEITMANN & KONRAD GMBH & CO. KG
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FOR MAXIMUM DEMANDS IN CONTINUOUS DIGITAL PRINTING

S1

With the WEKO rotor system you have a totally reliable unit that will give a precise & uniform liquid application with complete accuracy. Your process is repeatable giving you a stable quality for everyday production workflow.

Perfect fit to:

- DigiCon
- SiliCon

YOUR BENEFITS

- Very good wetting properties
- Very good abrasion protection properties
- pH ~ 8,0
- Density 0,99 g/cm³
- VOC: 0,28 %
- WGK 1
- AOX-free
- No foaming
- No GHS labeling

Depending on your needs, single or double sided application, you will find a suitable WEKO solution.

We have various fluids, supply units and rotor carriers - the right system for every application.

WEKO-S1 applied with WEKO-DigiCon optimizes the product quality and improves the efficiency of your continuous digital printing and post press production.

A very consistent and precise fluid application by the WEKO-DigiCon conditions the paper and compensates for paper variations and ensures production in an optimal manner. Therefore, not only perfect running and stacking characteristics but dimensional stability ensuring optimal flatness of the paper.

This results in smooth productions runs, less waste, and a considerable improvement in product quality and further processing.

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