INNOVATION AT WORK





WEKO-S1 & WEKO-S1 Protect

WEKO-S1 and WEKO-S1 Protect are silicone emulsion products 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, folding, transportation) can be avoided by using WEKO-S1 and WEKO-S1 Protect.

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 1% to 10%.

The coated paper web could be processed also after more than 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

With natural wax for better glide

S1 Protect

Surface protection through spacers

To achieve both properties, you can mix WEKO-S1 with WEKO-S1 Protect and adapt it to your individual needs.

Weitmann & Konrad GmbH & Co. KG
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FOR MAXIMUM DEMANDS IN CONTINUOUS DIGITAL PRINTING

weko | S1

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

Perfect fit to:

weko DigiCon

weko SiliCon



YOUR BENEFITS

- Very good wetting properties
- Very good abrasion protection properties
- pH **WEKO-S1** ~ 8,0
- pH **WEKO-S1 Protect** ~ 7,0
- Density 0,99 g/cm³
- VOC: 0 %
- WGK 1
- AOX-free
- No foaming



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

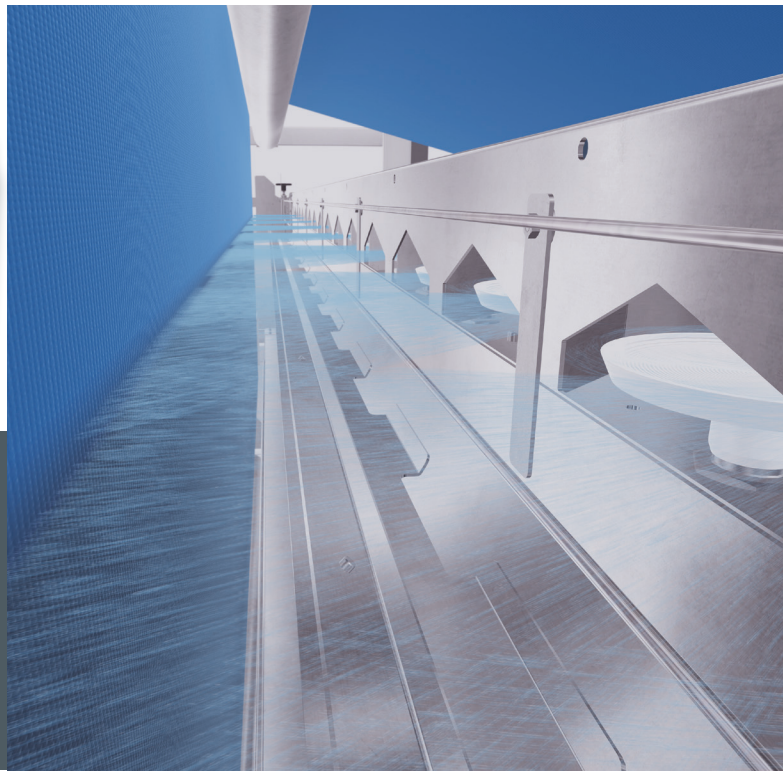
We have various fluids, supply units and rotor carriers, the right system for your application.

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

WEKO-S1 contains a natural wax to enhance surface protection and add a certain slip to the printed pages. **WEKO-S1 Protect** contains a spacer that protects the surface without adding a slip but should be mixed with **WEKO-S1** to fixate the spacer to the surface.

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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