

Hydrolith BS-ZX

Fountain Solution Concentrate for Sheetfed Presses



Product Usage

Fountain Solution Concentrate with strong Alcohol Replacing Additives for Sheetfed Offset Presses

Features and Benefits

- Strong alcohol replacement additives allow to eliminate IPA
 - suitable for conventional and UV inks
 - effective buffer cleans the oxide surface thoroughly
 - very stable ink and water balance
reliable printing with broad process window
 - very fast start up of the plate - minimizes waste
 - prevents or minimizes framing (copy on impression cylinder)
 - easy switching over to alcohol-less printing: cost saving!
 - prevents contamination of the circulation - fountain solution stays clear
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Packaging

20 liter cans, 200 liter drums

Storage and Shelf Life

Storage: not under 6°C, not above 30°C
Shelf Life: 12 months
Keep container tightly closed
Keep away from direct sun light

Directions

Dosage of Hydrolith BS-ZX: 3-5 %, depending on the water hardness

Dosage of IPA: 0-2%, depending on the circumstances

For a successful elimination of alcohol it is recommended to use a Fountain Solution Cooling System, standardized water quality, appropriate adjustment of the rollers and if possible special rollers. If standard rollers are in use the ductor speed might have to be increased.

Please also check the document "Printing without alcohol".

For water hardness up to 15° dH / 270 ppm

Technical Specifications

- form: liquid
- Density: 1,040 g/cm³
- Color: transparent -slightly yellowish/brown
- Odour: mild - characterisitic
- Water miscible: yes
- pH value: 4,2
- labelling: Xi Irritating