

LithoTech International P/L

A.B.N. 12 086 458 442

Innovative products for the printing industry

2 in 1 Fountain Solution

Technical Sheet

★ **Eliminates the need for a fountain doser.**

2 in 1 Fountain Solution replaces I.P.A. Reduces the operator error in mixing chemicals.

Special Qualities

Eliminates the need for a separate fountain doser on alcohol damping presses. Less chemicals to mix on hand fed presses. No other fountain solution required. Just add water.

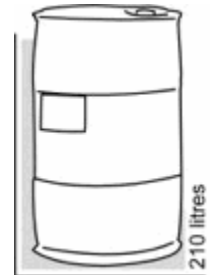
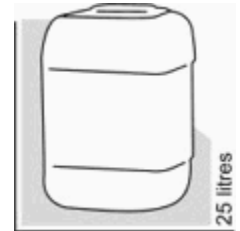
Plus Factors

Higher Flash point than I.P.A.
Water settings down approx 25%.
Ink settings down 10%.
Faster ink Drying.

Faster colour balance on changeover of jobs.
Clean Back Cylinders.

Effects

Safer to use.
Reduced Ink costs.
Faster turnaround.
Less Waste.
No operator mixing error.
Brighter colours.
Less chemical mixing.



Application

This fountain solution is for Alcohol damping presses and eliminates the need to mix the fountain solution and alcohol together. No pH and conductivity control are necessary.

Usage

When using on presses with automatic dosing of alcohol and fountain solution switch off the fountain doser, then remove the alcohol from the dosing unit and replace it with 2 in 1 fountain solution. Set the alcohol doser to read 10% and recommence running. The fountain solution will then consist of 10% alcohol and 2% fountain solution. The pH reading will be between 5.0 -5.2 and the conductivity reading will be approx 800ms (depending on the water supply). The fount can be decreased as low as 7% if no scumming is apparent OR increased to 15% for excessively hot and humid conditions or jobs with exceptionally large image areas.

The pH will be constant and the conductivity will be approx 1000ms but it is of no consequence.

The surface tension of the fount solution will be 40 dynes the same as if I.P.A. were in use.

For hand mixing where no fount doser is available place 3 litres of 2 in 1 fount into a 25 litre container and fill up with water. Then add the diluted fount to the press.

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