Technical Information

70.F.007 | Non-ink Chemistry | Fountain Solution Concentrates

SUBSTIFIX-AF

Sheet-fed offset fount concentrate for printing without isopropanol

8318 09

for water with a
bicarbonate content
up to 250 mg/l

8318 19

for water with a
bicarbonate content
above to 250 mg/l

Application

SUBSTIFIX-AF has been designed for sheet-fed offset printing with alcohol fount systems. When used in such systems at the recommended quantity of 4 %, it is possible to print without additional alcohol (isopropanol) in the fount solution.

If you use isopropanol nevertheless, you must not exceed a proportion of 5 %.

Special properties

- Produces a thin, stable film of fount solution through targeted reduction of the surface tension
- Fast plate runoff
- Aids formation of a stable ink / fount-solution emulsion
- Meets corrosion standards - approved by press manufacturers
- Provides good protection of the printing plate
- Special additives prevent stripping of the ink rollers

To adjust and stabilize the pH-value in the range between 5.0 and 5.3, considered most suitable for printing, tw versions of SUBSTIFIX-AF are available to perfectly interact with your tap water. In case of doubt as to which product should be used, we are offering a free water analysis service.

Whenever you use SUBSTIFIX-AF, you must also use roller materials that have been specially designed for alcohol-free printing. The roller manufacturer can provide you with more information in this regard.

Quantity of additive

The recommended addition to use is 3-4 %.

Classification

Safety Data Sheet available on request.

How supplied

10-kg plastic containers
220-kg plastic drums
500-kg stainless-steel returnable IBC