

Technical Information

70.F.027 | Non-Ink Chemistry | Fountain Solution Concentrates

SUBSTIFIX[®]-AF 8319

Fountain solution for alcohol-free offset printing with continuous feed dampening systems

8319 09

for water with a
hydrogen
carbonate content
up to 250 mg/l

8319 19

for water with a
hydrogen
carbonate content
above 250 mg/l

Application

SUBSTIFIX-AF has been designed for sheet-fed offset and continuous printing. When used at the recommended admixture, it is possible to print without additional alcohol (isopropanol) in the fountain solution. If you use isopropanol nevertheless, a maximum proportion of 5% mustn't be exceeded.

Special properties

- Fast plate runoff
- Aids formation of a stable ink / fount-solution emulsion
- Provides state-of-the-art anti-corrosion protection
- Suitable for all plate types; Provides good protection of the printing plates
- Special additives prevent stripping of the ink rollers
- Keeps fount clear and clean
- Suitable for UV-curing ink systems

The two versions available allow to adjust the pH value within the range favourable for offset printing (4.8 – 5.3) with all common tap water qualities. In case of doubt about the correct choice of product, we will gladly analyse your water free of charge.

Whenever you use SUBSTIFIX-AF, you must also use roller materials that have been specially designed for alcohol-free printing. The roller manufacturer holds more detailed information about the available compounds and their properties.

Quantity to be added

The recommended range of admixture is 3-4%.

Classification

Safety Data Sheet available on request

How supplied

25-kg plastic container / 220-kg plastic drums / 600-kg returnable IBC