

AQUA-SHEET FM-9008

Fountain solution concentrates for perfect balance in offset printing

The AQUA-SHEET fountain solution concentrates have been developed to meet the requirements of modern paper technology and high speed offset printing machines.

Technical Properties

- *Optimal wetting gives a more profitable production;* An optimal wetting of non-image area will be quickly obtained even at low water feed to the press as well as a perfect stable balance between ink and fountain solution
- *Protects the printing plate;* Printing plate is protected during short stops by forming a thin film of synthetic colloid, which helps a problem-free and rapid re-start
- *Gives better print contrast;* The printing ink absorbs an even amount of water. This gives better ink transport, dot sharpness and transfer, which particularly can be seen on the solids.
- *Less risk of corrosion;* Contains corrosion inhibitors to minimize the risk of corrosion on exposed metal.
- *Less paper dust;* Contains blanket lubricating agent, which minimizes piling and linting. Prevents build-up of paper on the rubber blanket.
- *Minimal waste;* fast start-up decreases waste
- *Prevents growth of algae;* Contains antibacterial agents which prevents growth of algae
- *Prevents tonning and ink emulsification.*

Specifications

Physical Properties

FM-9008

pH	: 4,9±0.2
Conductivity	: 25 – 28 mS/cm, 23°C
Density	: 1,08 ±0,02 g/ml, 20°C

Application Properties

		6	% 1
Recommended Fountain Solution Concrastrate (%)	Carbonate Hardness (°dH)	12	% 2
		18	% 3
		>25	% 3

(German degrees of hardness) 1 °dH = 17.8 mg/l CaCO₃

The mixed Fountain Solutions should have	pH	4,7 – 5,2
	Conductivity	1000 – 1500 ηS/cm, 23°C

AQUA-SHEET only contains components which are biodegradable. Aqua-Sheet is not classified as dangerous according to the Chemicals (Hazard Information and Packaging) Regulations.

Storage and Shelf Life

Place away from sources of heat, ignition and direct sunlight. Could be stored in tightly closed pails/ containers, indoors at normal room temperature (20°C) for 1,5 (450 days) years.

The above information is based on our laboratory tests. Variety of the conditions may affect the results. In this case please contact to our technical department.

Preparation Date: 14.05.2018