

235 AF-8000 Plus

IPA Fountain Solution Concentrate

DESCRIPTION:

AF-8000 Plus is a high-performance fountain solution concentrate specially formulated for medium-format offset presses equipped with sophisticated continuous dampening systems such as Alcolor, Rolandmatic and similar systems. It is particularly suitable for presses that are difficult to operate without isopropyl alcohol (IPA). Its advanced wetting and buffering system helps maintain a thin, uniform water film on the plate, allowing substantial reduction—or possible elimination—of IPA under suitable pressroom conditions.

PERFORMANCE BENEFITS:

AF-8000 Plus lowers the surface tension of the dampening solution and promotes quick, even wetting of the printing plate. This helps sophisticated continuous dampening systems maintain a stable, thin water film with significantly reduced dependence on IPA. The result is improved ink transfer, sharper reproduction, cleaner backgrounds and more consistent production throughout the press run.

FEATURES AND BENEFITS:

- Designed for Alcolor, Rolandmatic and comparable continuous dampening systems
- Supports low-IPA and IPA-free press operation
- Provides rapid and uniform plate wetting
- Maintains stable ink–water balance
- Helps reduce startup waste and paper spoilage
- Minimises scumming and toning
- Promotes clean non-image areas
- Provides stable pH and conductivity during production
- Supports faster press speeds and consistent print quality
- Helps keep the dampening system cleaner
- Suitable for medium-format sheetfed offset presses

APPLICATIONS:

Recommended for medium-size sheetfed offset presses fitted with:

- Heidelberg Alcolor dampening systems
- Rolandmatic dampening systems
- Other sophisticated continuous-film dampening systems
- Presses experiencing instability when operating with little or no IPA

RECOMMENDED DOSAGE

Add 3–5% AF-8000 Plus to the dampening water. A starting dosage of approximately 4% is recommended. Fine-tune the concentration according to water quality, ink characteristics, press speed, substrate and operating conditions. Where IPA is currently being used, reduce it gradually while monitoring plate wetting, ink–water balance and print quality. **Complete elimination of IPA depends on press condition, roller settings, water quality and operating environment.**

Technical Data Sheet

PACKING :

05 LTRS X 4 pcs
25 Ltrs Cans
210 Ltrs Barrels
1000 Ltrs Tote Tanks

Property	Typical Value
Appearance	Light Yellow liquid
Colour	As per product standard
Odour	Mild characteristic
Solubility in water	Completely soluble
Recommended dosage	3–5%
Application	Continuous dampening systems

HMIS® RATING	
HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	B
PERSONAL PROTECTION	

RATING SCALE		PERSONAL PROTECTION INDEX	
4 = SEVERE HAZARD			
3 = SERIOUS HAZARD			
2 = MODERATE HAZARD			
1 = SLIGHT HAZARD			
0 = MINIMAL HAZARD			

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