

Technical Data Sheet

Product Code: SFB3
English Version: 4 / March 2010
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SUNFOUNT® 480

DESCRIPTION AND GENERAL PROPERTIES



FOUNTAIN SOLUTION ADDITIVE FOR SHEETFED OFFSET / ALCOHOL DAMPENING UNITS

SUNFOUNT® 480 is an alcohol substitute fount developed for use on sheetfed presses.

SUNFOUNT® 480 is formulated for use with soft / demineralised water with a hydrogen carbonate content of up to 300 mg / L

SUNFOUNT® 480 is one of the founts in the complete range available from SUN CHEMICAL

AVAILABILITY

SAP PRODUCT NUMBER	SAP DESCRIPTION	Packaging
56007625	SFB3: SUNFOUNT 480 25KG:FKZ1	25Kg Plastic bottle
56007628	SFB3: SUNFOUNT 480 200KG:JRZ1	200Kg Plastic Drum
56007629	SFB3: SUNFOUNT 480 1000KG:LTZ1	1000Kg IBC

SPECIFIC ADVANTAGES

FEATURES	ADVANTAGES	BENEFITS
Good buffering	<ul style="list-style-type: none">Stable pH within the most favourable range for printing	<ul style="list-style-type: none">Stable quality and colour throughout the run
Anti-corrosive Technology	<ul style="list-style-type: none">Good plate protection	<ul style="list-style-type: none">No plate corrosion during short down times
Reduction / substitution of alcohol	<ul style="list-style-type: none">0 – 5 % is possible; indirect dampening units may require an alcohol addition	<ul style="list-style-type: none">Better working environment
Good / uniform plate wettability Fast ink / water balance	<ul style="list-style-type: none">Quality print levels quickly achieved	<ul style="list-style-type: none">Less wasteReduced down time
Calcium reducing technology	<ul style="list-style-type: none">No formation of insoluble calcium depositsNo stripping of ink rollers	<ul style="list-style-type: none">Extended roller life

working for you.



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TECHNICAL INFORMATION

TECHNICAL DATA			
Dampening System	Universal	Water Miscibility	Completely miscible
Corrosion Behaviour	Neutral	Specific Gravity	1.065 – 1.075 @ 20°C
Water Types	Soft / Demineralised to 300 mg / L	Flash Point	21 - 55 °C
Colour	Colourless	Dosage	2 – 4%
pH Concentrated	4.8 – 5.0	pH Diluted	5.0 – 5.3 *

* dependent upon dosage and local water quality

DIRECTIONS FOR USE

SUNFOUNT® 480 should be dosed at 2 – 4%, dependent upon local water conditions. For economy and performance the use of the SUN CHEMICAL DOSER DI – 150 is recommended.

For full details about this or any other SUN CHEMICAL product, please contact your regional SUN CHEMICAL Account Manager or Technical Service Team.

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