

Technical Data Sheet

Product Code: SFG6
English Version: 3 / November 2009
Page 1 of 2

SUNFOUNT® 485

DESCRIPTION AND GENERAL PROPERTIES



FOUNTAIN SOLUTION ADDITIVE FOR SHEETFED OFFSET / ALCOHOL DAMPENING UNITS

SUNFOUNT® 485 is an alcohol substitute fount developed for use on sheetfed presses.

SUNFOUNT® 485 is formulated for use with soft / demineralised water with a hydrogen carbonate content of up to 300 mg / L

SUNFOUNT® 485 is one of the founts in the complete range available from SUN CHEMICAL

AVAILABILITY

SAP PRODUCT NUMBER	SAP DESCRIPTION	Packaging
56007692	SFG6: SUNFOUNT 485 25KG:FKZ1	25Kg Plastic bottle

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
Approved anti-corrosive technology	<ul style="list-style-type: none">Approved by MAN Roland, Koenig & Bauer AG and Heidelberger Druckmaschinen AGGood plate protection	<ul style="list-style-type: none">Improves life-time of pressNo 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 watability 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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Page 2 of 2

TECHNICAL INFORMATION

TECHNICAL DATA			
Dampening System	Universal	Water Miscibility	Completely miscible
Corrosion Behaviour	Inhibited / Manufacturer approved	Specific Gravity	1.070 – 1.080 @ 20°C
Water Types	Soft / Demineralised to 300 mg / L	Flash Point	21 - 55 °C
Colour	Colourless	Dosage	2 – 4%
pH Concentrated	5.1 – 5.3	pH Diluted	5.0 – 5.2 *

* dependent upon dosage and local water quality

DIRECTIONS FOR USE

SUNFOUNT® 485 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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