



## Product information sheet

### Magno™ satin

Coated fine paper available in sheets and reels for offset printing

#### Technical specifications

PARAMETER	STANDARD	UNIT												
<b>BASIS WEIGHT</b>	<b>ISO 536</b>	<b>g/m<sup>2</sup></b>	<b>90</b>	<b>100</b>	<b>115</b>	<b>130</b>	<b>135</b>	<b>150</b>	<b>170</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>350</b>	<b>400</b>
THICKNESS	ISO 534	µm	74	82	94	100	105	120	141	168	225	282	347	412
SPEC. VOLUME	ISO 534	cm <sup>3</sup> /g	0,82	0,82	0,82	0,77	0,78	0,80	0,83	0,84	0,90	0,94	0,99	1,03
CIE WHITENESS (D65/10°)	ISO 11475	%	127	127	127	127	127	127	127	127	127	127	127	127
BRIGHTNESS (illuminant D65/10°)	ISO 2470-2	%	100	100	100	100	100	100	100	100	100	100	100	100
ROUGHNESS PPS	ISO 8791-4	%	1,4	1,4	1,9	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
GLOSS TAPPI 75°	ISO 8254-1	%	38	38	38	38	38	38	38	38	38	38	38	38
OPACITY	ISO 2471	%	91	92,5	94,5	95	95,5	96,5	97,5	98	98,5	99	99,5	99,5
RELATIVE HUMIDITY (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50	50
PH VALUE	ISO 6588	-	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7

#### Print recommendations

Screen ruling	All existing half tone technologies.
Printing Inks	Any suitable quality ink.
Dot area	For dot areas over 320% we recommend Under Colour Removal (UCR).
Processing	Allow paper time to acclimatise to press room conditions before removing outer packaging. Strapping bands (if applied) should be removed shortly after delivery. Outer wrappers should be removed only when ready to print. Ideal press room conditions should be 50% ± 5 % relative humidity at 20°C.
Finishing	Suitable for all standard finishes, foil laminating (>130gsm), embossing and die cutting. Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & aqueous.
Converting	Pre-creasing before folding is recommended from 135 um thickness onwards. Crease channel width should be a minimum of 2x paper thickness plus thickness creasing knife (plus or minus 0,2 mm). Crease channel depth should ± 1.5x paper thickness. Creasing knife 2 point (0,71 mm) (this and that depending on your crease/fold device).
Assisted drying methods	When using infra red drying methods, stack temperature should not exceed 37°C. Suitable for UV cure inks.

#### Mill and product certifications

MILL CERTIFICATION						PRODUCT CERTIFICATION				
EMAS	ISO 14001	ISO 9001	OHSAS 18001	PEFC C.o.C	FSC™ C.o.C	TCF/ ECF	PEFC credit material	FSC™ Mix	Food contact	Toy safety
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FSC™ & PEFC may have limited availability, please check with your local sales office.  
To learn more about all of these certifications and to receive copies please contact your local sales office.

#### Target production values

Regional variations in specifications may apply; please contact your local Sales office for more information.

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