

# Magno Satin **Product Information**



Magno Satin is a coated fine paper available in sheets and reels for offset printing

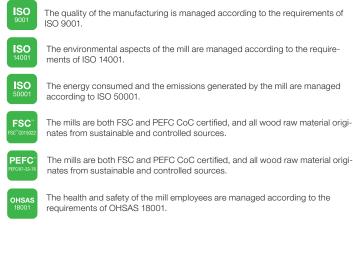
#### Technical specifications

Parameter	Standard	Unit													
Basis weight	ISO 536	g/m²	90	100	115	130	135	150	170	200	250	300	350	400	450
Brightness (illuminant D65/10°)	ISO 2470-2	%	100	100	100	100	100	100	100	100	100	100	100	100	100
CIE whiteness (D65/10°)	ISO 11475	%	127	127	127	127	127	127	127	127	127	127	127	127	127
Opacity	ISO 2471	%	91	92,5	94,5	95	95,5	96,5	97,5	98	98,5	99	99,5	99,5	99,5
Gloss TAPPI 75°	ISO 8254-1	%	38	38	38	38	38	38	38	38	38	38	38	38	22
Roughness PPS	ISO 8791-4	μm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,5	1,5	1,5	1,5	1,5
Thickness	ISO 534	μm	74	82	94	107	111	125	141	168	225	282	347	412	477
Bulk	ISO 534	cm³/g	0,82	0,82	0,82	0,82	0,82	0,83	0,83	0,84	0,90	0,94	0,99	1,03	1,06
Relative humidity (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50	50	50

#### Print recommendations

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 ap should be removed shortly after delivery. Outer wrappers should be removed only when ready to print. Ideal press conditions should be $50\% \pm 5\%$ relative humidity at $20^{\circ}$ C.				
Finishing	Suitable for all standard finishes, foil laminating (>130 gsm), embossing and die cutting. Varnishes include: Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & acqueous.				
Converting	Pre-creasing before folding is recommended from 135 $\mu$ m 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 $\pm$ 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.				

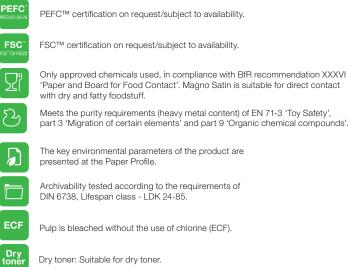
### **Mill Certification**



#### Packaging of product complies with packaging and waste directive 94/62/EC (article 11). Magno Satin is fully recyclable.

Target production values  $\cdot$  Regional variations in specifications may apply; please contact your local Sales office for more information. Updated: 03.12.2019.

## **Product Certification**



Dry toner: Suitable for dry toner.

HP Indigo: Certified for HP Indigo (115 - 350 g/m<sup>2</sup>).