



# SYMBOL FREELIFE SATIN

**description** Environmentally-friendly ECF papers and boards, certify FSC®. High content of recycled material (minimum quantity guaranteed 25%). Triple blade coated on both sides with Satin finish.

range	size	grain	substance								
	45x64	LG	90* 100*	115	130	150	170	200	250	300	
	50x70	LG	90* 100*	115	130	150	170	200	250	300	
	64x88	LG	90* 100*	115	130	150	170	200	250	300	350
	70x100	LG	90* 100*	115	130	150	170	200	250	300	350
	72x102	LG									400
	88x128	LG	100*	115	130	150	170				
	100x140	LG		115	130	150					

\* Available upon request

**technical features**  
ref. standard/instrument  
unit of measure

substance	VSA	opacity	roughness	tensile strength	
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	%	ml/min	kN/m	
				long±10%	cross±10%

	TWO BLADES COATING		THREE BLADES COATING			
	substance	VSA	opacity	roughness	long	cross
	90 ± 3%	0,88	91 ± 2	40 ± 20	3,7	2,8
	100 ± 3%	0,88	92 ± 2	40 ± 20	4,3	3,2
	115 ± 3%	0,82	94 ± 2	20 ± 10	4,6	3,5
	130 ± 3%	0,81	95 ± 2	20 ± 10	5,2	4
	150 ± 3%	0,83	97 ± 2	20 ± 10	6	4,6
	170 ± 3%	0,85	–	20 ± 10	6,8	5,2
	200 ± 4%	0,87	–	20 ± 10	7,3	5,7
	250 ± 5%	0,93	–	25 ± 10	–	–
	300 ± 5%	0,95	–	25 ± 10	–	–
	350 ± 5%	0,98	–	25 ± 15	–	–
	400 ± 5%	1,01	–	25 ± 15	–	–

Brightness - ISO 2470 (R457) - 104% ± 2  
Relative Humidity 50% ± 5 ref. TAPPI 502-98

**ecological features**



The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED



**notes** Given the considerable amount of recycled content within the product it is possible for there to be a slight variation in the shade, from one making to the next. The product is completely biodegradable and recyclable. Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

Symbol Freelifa Satin is excellent for publications, packaging, coordinated graphic materials, covers, inserts and de luxe brochures.

**applications**

Symbol Freelifa Satin can be used with all the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing.

**printing suggestions**

Good results with major processing operations such as: cutting, die cutting, scoring, folding, glueing, varnishing and plastic lamination. We suggest to scoring all the substances above 170 gsm.

**converting suggestions**