



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 ²	cm ³ /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



SYMBOL FREELIFE GLOSS

description Environmentally-friendly ECF papers and boards certify FSC®. High content of selected recycled material (minimum quantity guaranteed 25%). Triple blade coated on both sides with a Gloss 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	gloss	tensile strength	
ISO 536	ISO 534	ISO 2471	ISO 8254-2	ISO 1924	
g/m ²	cm ³ /g	%	%	long±10%	cross±10%

	TWO BLADES COATING		THREE BLADES COATING			
	substance	VSA	opacity	gloss	long±10%	cross±10%
	90 ± 3%	0,76	91 ± 2	73 ± 10	3,5	2,7
	100 ± 3%	0,77	92 ± 2	73 ± 10	4	3,1
	115 ± 3%	0,70	93 ± 2	73 ± 10	4,5	3,4
	130 ± 3%	0,71	94 ± 2	73 ± 10	5,1	3,8
	150 ± 3%	0,71	95 ± 2	73 ± 10	5,9	4,4
	170 ± 3%	0,72	–	73 ± 10	6,7	5
	200 ± 4%	0,71	–	73 ± 10	7,1	5,5
	250 ± 5%	0,74	–	73 ± 10	–	–
	300 ± 5%	0,76	–	73 ± 10	–	–
	350 ± 5%	0,80	–	73 ± 10	–	–
	400 ± 5%	0,81	–	73 ± 10	–	–

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 Freelifie Gloss is excellent for publications, packaging, coordinated graphic materials, covers, inserts and de luxe brochures.

applications

Symbol Freelifie Gloss 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

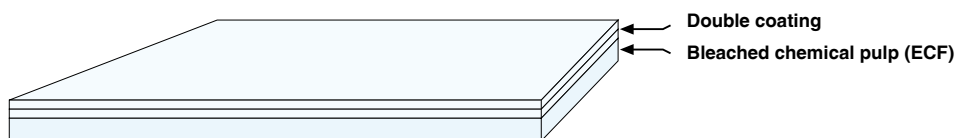


SYMBOL CARD

description Environmentally-friendly ECF boards (SBS), certify FSC®. Double blade coated on one side with a Satin finish. Available in Premium White colour.

range

size	grain	substance
72x102	LG	210 240 270 300 330 360



technical features
ref. standard/instrument
unit of measure

substance	thickness	roughness*	stiffness Taber 15°	
ISO 536	ISO 534	ISO 8791-2	ISO 2493	
g/m ²	µm	ml/min	mN	
			long±10%	cross±10%
210 ± 4%	250 ± 10	380 ± 20	80	53
240 ± 5%	285 ± 10	300 ± 20	125	78
270 ± 5%	325 ± 10	285 ± 20	190	115
300 ± 5%	360 ± 10	285 ± 20	233	150
330 ± 5%	400 ± 10	285 ± 20	315	195
360 ± 5%	437 ± 10	270 ± 20	400	250

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

ecological features



The mark of responsible forestry

ELEMENTAL
CHLORINE
FREE
GUARANTEED



notes The product is completely bio-degradable 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 Card is excellent for packaging, covers, postcards, brochures, promotional material, CD cases and similar applications.

applications

Can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen-printing. For offset printing, the characteristics of the coated side are comparable to our Symbol Freelifa Satin, and the uncoated side is designed to provide good printability, also with solid colours.

printing suggestions

Good results can be expected with all the main converting process: cutting, die-cutting, scoring, glueing, varnishing and plastic lamination.

converting suggestions