



# SIRIO WHITE/WHITE

**description** Uncoated papers and boards, certify FSC, made with E.C.F. pulp. Extra white and high strength. Substances over 200 gsm are wet laminated in the paper machine except for the 700 gsm because it's off-machine laminated.

**range**

size	grain	substance									
71x101	LG	90 130 170 200 240 280 350 400 700									

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

substance	VSA	roughness	Taber stiffness 15°		tensile strength	
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	ml/min	mN		kN/m	
			long±10%	cross±10%	long±10%	cross±10%
90 ± 3%	1,27	350 ± 50	6,5	3	5,2	3,2
130 ± 3%	1,27	350 ± 50	30	14	8,5	4,5
170 ± 3%	1,27	300 ± 50	65	26	10,4	5,2
200 ± 4%	1,27	300 ± 50	90	48	11,1	6,5
240 ± 5%	1,27	250 ± 50	127	60	13	7,8
280 ± 5%	1,27	250 ± 50	225	92	19,6	9,1
350 ± 5%	1,25	250 ± 70	370	165	-	-
400 ± 5%	1,25	250 ± 70	480	230	-	-
700 ± 5%	1,15	750 ± 100	1800	900	-	-

Brightness - ISO 2470 (R457) - 112% ± 2  
Opacity - ISO 2471 (90 g/m<sup>2</sup>) 92% ± 2  
Relative Humidity 50% ± 5 ref. TAPPI 502-98

**ecological features**



The mark of responsible forestry

ELEMENTAL  
CHLORINE  
FREE  
GUARANTEED



**notes** 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.

Sirio White-White is ideal for packaging, coordinated graphic materials, covers, inserts, de luxe brochures. Best performances are found when extra white and highly strength mechanical features are required.

**applications**

Can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing. The macro-porous surface suggests the use of oxidative drying inks. In case of huge ink coverage we recommend to set to the minimum the ink load in order to let the ink drying properly.

**printing  
suggestions**

Varnishing and plastic laminating must be assessed in advance. The varnish coated with an offset machine is almost fully absorbed and therefore it does not improve gloss or protection. Screen-printing varnishing achieves better results, although it is often necessary to perform two shots to achieve a distinctly evident result. The surface roughness typical of uncoated papers may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the substrate. Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing.

**converting  
suggestions**