



# SIRIO COLOR/E

**description** Uncoated board certify FSC<sup>®</sup>, made with E.C.F. pulp, off-machine laminated. Pulp-dyed with light-fast colours and one side embossed. The colour is highly deep and uniform. Very good formation and clarity. Available in twenty shades and in the E/20 Denim embossing pattern.

**range**

size	grain	substance
70x100	LG	290

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

substance	VSA*	Taber stiffness 15°*		tensile strength*	
ISO 536	ISO 534	ISO 2493		ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	mN		kN/m	
		long±10%	trasv±10%	long±10%	trasv±10%
290 ± 5%	1,15	250	120	24,8	13

Relative Humidity 50% ± 5 ref. TAPPI 502-98  
\* Before the embossing

**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 Color/E is ideal for packaging, coordinated graphic materials, covers, inserts, de luxe brochures.

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. The characteristic embossing requires specific printing pressure settings. It is recommended the use of compressible blankets. For hot foil stamping reproductions, only for Black colour, in specific hygrometric conditions, or using unsuitable foils it can arise problems like oxidation or speckled printing, especially using colors like Golden, Silver or Metallic. It is recommended the consultation with your foil providers. In order to give total solution to this problem it is necessary to isolate the film for hot stamping printing from the paper: it can be done either with a plastic coated surface, a double hot stamping printing (making sure to use a white or transparent film before the printing metal band), or with a printing water-based or solvent varnish.

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 embossed 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 and glueing.

converting suggestions