



# SPLENDORLUX METAL

**description**

One-side Cast Coated boards, high gloss. Certify FSC, made with E.C.F. pulp. Light matt coating on reverse side. The Cast Coated side is surface coloured with metallic pigments and coated with a water-based varnish. The substances 300g and 320g contain CTMP fibers in the inside layers which gives higher strength and thickness to the board. Available in three colours and a special version “Mirror”.

**range**

size	grain	substance		
70x100	LG	250	300	320

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

substance	VSA	Taber stiffness 15°		tensile strength	
<i>ISO 536</i>	<i>ISO 534</i>	<i>ISO 2493</i>		<i>ISO 1924</i>	
<i>g/m<sup>2</sup></i>	<i>cm<sup>3</sup>/g</i>	<i>mN</i>		<i>kN/m</i>	
		<i>long±10%</i>	<i>cross±10%</i>	<i>long±10%</i>	<i>cross±10%</i>
250 ± 5%	1,2	170	80	17	7,8
300 ± 5%	1,35	400	180	20,9	9,1
320 ± 5%	1,3	420	210	–	–

Relative Humidity 50% ± 5 ref. TAPPI 502-98

**ecological features**



The mark of responsible forestry



**notes**

The substance 320 g Mirror has been made laminating an High Bulk substrate with a silver polyester film. This one has been treated chemically to gain ink receptivity. The product (except substance 320 g Mirror) is completely biodegradable and recyclable. Due to the presence of CTMP fibers in the inside layers, the 300 g version do not comply with ISO 9706 “Long-Life” requirements. Special runs available upon request.

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

Splendorlux Metal is particularly appreciated for converting uses in packaging, portfolios, soft covers, postcards, coordinated graphic materials and laminatings for the making of displays, wherever the need is to show a technical emphasis, a modern style and futuristic design.

applications

Splendorlux Metal can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing. The surface is well sealed, therefore when printing in offset we suggest to employ inks for plastics and ensure more control at the pH and the conductivity of the fountain solution, in order to keep emulsions at minimum levels. Use of a moderate ink load will result in better control of setting; in this regard, good results are obtained with UCR or GCR grading to reduce the mass of ink transferred onto the paper; if necessary use anti set-off spray powder or add ink drier paste. When printing recto/verso it is advisable to print the matt side first to prevent damages to the other side. In hot foil stamping we recommend foil for plastic media.

printing  
suggestions

Splendorlux Metal gives good results with conventional or U.V. varnishing. Excellent results in plastic laminating. For folding operations is advisable prior scoring. In converting applications, due to the bigger granulometry of metallic pigments in comparison with the other ones, we suggest a particular attention to the rubbing. In folding and glueing processings we recommend high tack and adhesion glues, and we suggest the "milling" of the bonding area. If Splendorlux Metal is plastic laminated with unsuitable adhesives, it might present an imperfect film anchorage.

converting  
suggestions