

# SPLENDORLUX METAL

One-side Cast Coated boards with high gloss. FSC® certified made with E.C.F. pulp. Light matt coating on reverse side. The Cast Coated side is surface dyed with metallic pigments and a protective water-based gloss varnish. The four metal shades are pulp-dyed and colored on both faces. In the back side there is the same metal shade of the top cast coated face but in a matt finishing.

## DESCRIPTION

SIZE	GRAIN	SUBSTANCE
72X102	LG	250 350

## RANGE

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%	cross ± 10%	long ± 10%	cross ± 10%
250 ± 5%	1,15	150	70	17	7,8
350 ± 5%	1,18	390	180	-	-

## TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

Relative Humidity 35% ± 5  
ref. TAPPI 502-98



## ECOLOGICAL FEATURES

The product is completely biodegradable and recyclable.  
Special runs available upon request.

## NOTES

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Splendorlux Metal is particularly appreciated for converting uses in packaging, portfolios, soft covers, postcards, coordinated graphic materials, wherever the same shade along the edges is required.

## APPLICATIONS

The shiny finishing of Splendorlux Metal ensures very bright printing results with excellent contrast, detail and colour saturation. It can be used without problems with the main printing systems: offset, blind embossment, hot foil stamping, thermography and screen printing. For offset printing it is recommended to use UV drying inks or oxidative inks only after printing tests. During offset printing, it is important to check the wetting solution in terms of both pH and conductivity. We recommend to use isopropyl alcohol to minimize emulsification. For a better setting and drying control, avoid using too much ink and use a dry spray powder and ink drying additives as required. For hot foil stamping we suggest to use hot foils for plastic supports. In case of particularly large printing areas we recommend to use round/flat hot stamping machines.

## PRINTING SUGGESTIONS

Splendorlux Metal gives good results with U.V. varnishing. Excellent results in plastic laminating (particularly with the lamination with glues water based) as long as suitable adhesives are used, otherwise small detachments between film and cast coated surface are possible. For the folding is recommend a prior scoring. In folding and gluing processings we recommend high tack and adhesion glues, and we suggest the "milling" of the bonding area.

## CONVERTING SUGGESTIONS

