



# MATERICA

## description

Recycled uncoated papers and boards pulp-coloured, certify FSC<sup>®</sup>. Made with 40% CTMP fibers, 25% pure environmentally friendly FSC<sup>®</sup> fiber, 20% recycled material in compliance with the directive FSC-DIR-40-004 EN<sup>1</sup> and 15% of cotton fiber. Available in white shade (Gesso) and seven colours. The substances 250 gsm and 360 gsm are off-machine laminated.

## range

size            grain            substance  
72x102    LG            120 180 250 360

## 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%	trasv±10%	long±10%	trasv±10%
120 ± 3%	1,8	1800 ± 400	30	13	7,2	3,2
180 ± 3%	1,8	1800 ± 400	100	45	9,8	4,9
250 ± 5%	1,7	1800 ± 400	230	100	–	–
360 ± 5%	1,7	1800 ± 400	600	300	–	–

Brightness (col. Gesso) - ISO 2470 (R457) - 94% ± 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 normal for there to be a slight variation in the shade from one making to the next, and occasional small residues from the recycling process. The product is completely biodegradable and recyclable. Special runs available upon request.



Envelopes available on stock.

<sup>1</sup> ADVICE-40-004-13 : FSC CoC certificate holders may classify pre-consumer reclaimed paper materials as equivalent to FSC certified and post-consumer reclaimed materials for the purpose of determining the FSC Mix or FSC Recycled output claims for products controlled under the percentage or credit system.

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

Materica is ideal for coordinated graphic materials, covers, inserts, brochures, portfolios and converting products.

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.

printing  
suggestions

Varnishing and plastic laminating must be assessed in advance. The varnishing coated with an offset machine is almost fully absorbed and therefore 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.

converting  
suggestions

Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing.

For packaging or in book publishing, we recommend to ensure the directions of the fibres runs in parallel with the main folds.