

FEDRIGONI

SPECIAL PAPERS

MATERICA

Uncoated pulp-coloured boards and FSC® certified. Made with 40% CTMP fibers, 25% pure environmentally friendly FSC® fiber, 25% recycled material FSC® certified and 10% of cotton fiber. Available in Gesso shade.

DESCRIPTION

SIZE	GRAIN	SUBSTANCE
72X102 cm	LG	250 360 g/m ²
28.35X40.16 inches	LG	92.5C 133C lbs

RANGE

SUBSTANCE		THICKNESS - CALIPER		ROUGHNESS	TABER STIFFNESS 15°			
ISO 536		ISO 534		ISO 8791-2	ISO 2493			
					long ± 15%		cross ± 15%	
g/m ²	lbs	µm	points	ml/min	mN	mNm	mN	mNm
250 ± 5%	92.5	424	16.7	1800 ± 400	230	11.11	100	4.83
360 ± 5%	133	612	24.1	1800 ± 400	600	28.98	300	14.49

TECHNICAL FEATURES

Ref. standard/instrument
unit of measure

Brightness (col. Gesso) - ISO 2470 (R457) - 94% ± 2
Relative Humidity 50% ± 5
ref. TAPPI 502-98



ECOLOGICAL FEATURES

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.

NOTES

MATERICA

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

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.

