

OLD MILL ECO 40 BIANCO

Uncoated papers and boards, FSC® certified. Made with E.C.F. pulp and 40% of recycled fibers. Felt marked on both sides. The substances over 250 gsm are multi-layer, laminated by starch, in the paper machine.

DESCRIPTION

SIZE	GRAIN	SUBSTANCE
72X101	LG	100 130 190 250 300 350

RANGE

SUBSTANCE	VSA	TABER STIFFNESS 15°		TENSILE STRENGTH	
ISO 536	ISO 534	ISO 2493		ISO 1924	
g/m²	cm³/g	mN		kN/m	
		long ± 10%	cross ± 10%	long ± 10%	cross ± 10%
100 ± 3%	1,40	10	4	9	4,5
130 ± 3%	1,40	25	10	10,5	5,5
190 ± 4%	1,40	80	40	14	7
250 ± 5%	1,40	180	80	-	-
300 ± 5%	1,50	260	120	-	-
350 ± 5%	1,50	390	170	--	-

TECHNICAL FEATURES

ref. standard/instrument
unit of measure

Brightness (col. White) - ISO 2470 (R457) - 90% ± 2
Relative Humidity 50% ± 5
ref. TAPPI 502-98



ECOLOGICAL FEATURES

The product is completely biodegradable and recyclable. Given the considerable amount of recycled content within the pulp, it's possible for there to be a slight variation in the shade, from one making to the next.

NOTES

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Old Mill ECO 40 Bianco is an environmental high-quality felt marked paper for de luxe publications, packaging, important catalogues, annual reports and monographs.

APPLICATIONS

Can be used without problems with the main printing systems: offset, embossing, hot foil stamping and screen printing. The macro-porous surface suggests the use of oxidative drying inks. The chromatic and tone performance is good. The ink load, the dot gain, and the print contrast are at the best levels attainable with an uncoated paper.

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 felt marked 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, folding and glueing.

CONVERTING SUGGESTIONS

