FEDRIGONI
PAPER

FREELIFE KENDO

DESCRIPTION

High quality papers and boards, finely mottled, with 40% recycled material certify FSC®, 55% pure environmentally friendly fiber certify FSC® and 5% hemp fiber.

RANGE

SIZE	GRAIN	SUBSTANCE
70X100	LG	120 150 200 250 300

TECHNICAL FEEDBACK

ref. standard/instrument unit of measure

SUBSTANCE	VSA	OPACITY	ROUGHNESS	TENSILE STRENGTH	
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 1924	
g/m²	cm³/g	%	ml/min	kN/m	
				long ± 10%	cross ± 10%
120 ± 3%	1,3	96 ± 2	600 ± 300	7,2	3,4
150 ± 3%	1,3	98 ± 2	600 ± 300	9	4,4
200 ± 4%	1,3	-	600 ± 300	10	5,2
250 ± 5%	1,3	-	600 ± 300	12,4	6,5
300 ± 5%	1,3	-	600 ± 300	15	7,8

Brightness (col. White) - ISO 2470 (R457) - 89% ± 2
Relative Humidity 50% ± 5 ref. TAPPI 502-98

ECOLOGICAL FEATURES

RECYCLED FSC® C015523 · NON WOOD VEGETABLE ANNUAL FIBERS · ELEMENTAL CHLORINE FREE GUARANTEED · ACID FREE · LONG LIFE ISO 9706 · HEAVY METAL ABSENCE CE 94/62 · SELECT FIBERS SECONDARY

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.

UNI EN ISO 9001:2015 - CQ 539
UNI EN ISO 14001:2015 - CQ 7847
UNI EN ISO 45001:2018 - CQ 26471

PRODUCT DATA SHEET
FRE/2S3
Update 02/2016
Rev. n° 08

FREELIFE KENDO

APPLICATIONS

Freelife Kendo papers and boards are ideal for any kind of publishing, packaging and commercial printing. They are held in high regard for coordinated graphic materials, special publications, brochures and booklets where natural sensations are required.

PRINTING SUGGESTIONS

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. Good chromatic result: attainable ink load, dot-gain and printing contrast are analogous to those obtainable onto pure pulp substrates.

CONVERTING SUGGESTIONS

Varnishing and plastic laminating must be assessed in advance. The varnish 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. Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing.