



FRELIFE KENDO

description

High quality recycled papers and boards, finely mottled, with 40% recycled material in compliance with the directive FSC-DIR-40-004 EN¹, 55% pure environmentally friendly fiber certify FSC[®] and 5% hemp fiber.

range

size grain substance
 70x100 LG 120 150 200 250 300

technical features
 ref. standard/instrument
 unit of measure

substance	VSA	opacity	roughness	tensile strength	
ISO 536	ISO 534	ISO 2471	ISO 8971-2	ISO 1924	
g/m ²	cm ³ /g	%	ml/min	kN/m	
				long±10%	cross±10%
120 ± 3%	1,3	95 ± 2	600 ± 300	7,2	3,4
150 ± 3%	1,3	96 ± 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



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.

¹ 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.

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.

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

printing
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.

converting
suggestions