



FREELIFE OIKOS

description

High quality white papers and boards FSC® certified. Mottled on both surfaces. Made with 50% recycled material FSC® certified and 50% pure environmentally friendly fiber FSC® certified.

range

size	grain	substance				
64x88	LG	80	100	115	150	300
70x100	LG	80	100	115	150	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%
80 ± 3%	1,2	89 ± 2	210 ± 30	4,5	3,2
100 ± 3%	1,2	92 ± 2	210 ± 30	5,2	3,5
115 ± 3%	1,2	93 ± 2	210 ± 30	5,9	3,9
150 ± 3%	1,2	95 ± 2	210 ± 30	7,8	4,5
300 ± 5%	1,25	–	210 ± 30	11,1	5,9

Brightness (col. White) - ISO 2470 (R457) - 100% ± 2
Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features



The mark of responsible forestry



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.

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

Freelife Oikos 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**