Natural Green Evolution

PAPYRUS

Creative paper, white, matt-pigmented, made from 100% recycled fibres

Basis Weight	ISO 536	g/m²	120	145	200	280	320
Thickness / Caliper	ISO 534	µm	147	182	268	392	446
Specific Volume / Bulk	ISO 534	cm³/g	1,23	1,26	1,34	1,40	1,39
ISO Brightness	ISO 2470-1	%	103	103	103	103	103
Opacity	ISO 2471	%	92	95	100	100	100
Bending resistance (L&W 15° MD)	ISO 2493-1	m/N	17	24	90	240	320
Bending resistance (L&W 15° CD)	ISO 2493-1	m/N	8	13	46	105	140

All properties are according to mill measurements that may be subject to fluctuations which are customary within the industry

Applications

• Invitation cards, Greeting cards, Luxury packaging, Laminations for displays and cardboard packaging, Covers for books and brochures, Vouchers, Brochures, Catalogues, Direct mails, Desktop calendars, Tags, Business cards, Compliments cards, Magazines

Environmental product certificates and information

• FSC®
• Produced from 100% recycled fibres

FSC www.fsc.org
The mark of responsible forestry
FSC® C004423

Information for digital printing

• Recommended for HP Indigo
• Recommended for professional dry-toner systems

Supplier certificates

• FSC®
• Environmental Management System (ISO 14001)
• Quality Management System (ISO 9001)
• Energy management (ISO 50001)
• Occupational Health and Safety Management System (OHSAS 18001)

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Technical capability

Printing technologies:	Absorbent substrate that is suitable for offset, UV-offset and screen printing. A sufficient quantity of printing powder with an appropriate particle size has to be considered.
Screen ruling:	All conventional screen rulings up to 60 l/cm (150 lpi) are applicable. When using other screen technologies, tests are recommended before print production.
Printing inks:	Suitable for inks that dry by absorption and oxidation (Offset), for UV-inks and screen printing inks.
Ink drying:	The drying process of the conventional offset ink is entirely completed within 24 to 48 hours, depending on the thickness of the ink film.
Printing pressure:	Standard pressure. Slightly increased pressure on bulky papers and usage of soft rubber blankets is recommended.
Finishing:	Varnishing with overprint and water-based varnishes, as well as hot foil stamping, embossing and die-cutting are applicable. A finishing with UV-varnish has to be checked in advance and could require a pre-coating with a primer.
Hot foil stamping:	suitable
Creasing & folding:	In order to obtain the best possible folding results, the folding process has to be prepared via creasing, while the common standard values for creasing have to be considered.
Handling information:	The flatness of this paper is guaranteed at a relative humidity between 45 and 55% at a temperature between 20 and 23°C. It is recommended that the printing room has comparable climatic conditions. The paper should be kept as long as possible in the mill-wrapper before use. Extreme changes in temperature and humidity should be avoided.

For all printing and processing techniques, the recommendations of the manufacturers of machines, inks, adhesives, laminating and embossing foils, etc. are to be followed. For damages caused by faulty implementation of printing and processing, Papyrus cannot accept any liability.

Can be subject to printing errors and modifications