Alaska® Plus

PAPYRUS

Folding boxboard (GC2), 100 % virgin fibres, multilayered with a white top and a cream reverse, double coated top side

Basis weight	ISO 536	g/m²	235	255	280	330
Thickness / Caliper	ISO 534	µm	425	470	520	620
ISO Brightness	ISO 2470-1	%	91	91	91	91
ISO Brightness (reverse)	ISO 2470-1	%	70	70	70	70
Gloss (Tappi 75°)	ISO 8254-1	%	40	40	40	40
Bending stiffness (DIN 5° MD)	ISO 5628	mNm	28,7	37,0	48,8	80,9
Bending stiffness (DIN 5° CD)	ISO 5628	mNm	14,0	18,3	23,5	35,6
Bending resistance (L&W 15° MD)	ISO 2493-1	m/N	330	425	560	930
Bending resistance (L&W 15° CD)	ISO 2493-1	m/N	160	210	270	410
Bending moment (Taber 15° MD)	ISO 2493-2	mNm	16,0	20,5	27,0	44,9
Bending moment (Taber 15° CD)	ISO 2493-2	mNm	7,7	10,2	13,1	19,8
Roughness (PPS)	ISO 8791-4	µm	1,3	1,3	1,3	1,3
Moisture (absolute)	ISO 287	%	7,5	8	8	8
Cobb value 60 sec.	ISO 535	g/m²	55	55	55	55
Cobb value 60 sec. (reverse)	ISO 535	g/m²	70	70	70	70

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

Applications

- Folding boxes, food packaging, luxury packaging, tags, covers for books and brochures, folders, desktop calendars, desktop displays, greeting cards

Technical product certificates and information

- Food safety ISEGA (EN 45011)
- Toy Safety: Migration of elements (DIN EN 71/3)
- Free from heavy metals according to EU packaging directive (94/62/EC)
- Food safety (EC 1935/2004)
- Food safety (BfR recommendation XXXVI)

Enviromental product certificates and information

- FSC®

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

Supplier certificates

- FSC®
- PEFC™
- Environmental Management System (ISO 14001)
- Quality Management System (ISO 9001)
- 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 80 l/cm (200 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
Finishing:	All types of varnishing such as overprint-, water-based and UV varnishes, as well as cold foil transfer, hot foil stamping, embossing and die-cutting are possible.
Hot foil stamping:	suitable
Laminating:	suitable
Creasing & folding:	For the substances of 150 g/m² and higher, the folding process has to be prepared via creasing. In order to obtain the best possible folding results, 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.