

Creative paper, woodfree, white and coloured, uncoated, matt finish, with high bulk, high stiffness, matching envelopes

| Basis weight           | ISO 536 | g/m <sup>2</sup>   | 120  | 200 | 285  | 300  | 320 |
|------------------------|---------|--------------------|------|-----|------|------|-----|
| Thickness / Caliper    | ISO 534 | µm                 | 166  | 280 | 396  | 396  | 448 |
| Specific Volume / Bulk | ISO 534 | cm <sup>3</sup> /g | 1,38 | 1,4 | 1,39 | 1,32 | 1,4 |
| Moisture (absolute)    | ISO 287 | %                  | 5,5  | 5,5 | 5,5  | n.a. | 5,5 |
| Cobb value (top)       | ISO 535 | g/m <sup>2</sup>   | 25   | 25  | 25   | 30   | 25  |
| Cobb value (reverse)   | ISO 535 | g/m <sup>2</sup>   | 23   | 23  | 23   | 24   | 23  |

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

## Applications

- Invitation cards, Covers for books and brochures, Book end papers, Business cards, Compliments cards, Folders, Direct mails, Inserts, Greeting cards, Luxury packaging, Menu cards, Tags, Vouchers, Handicrafts

## Technical product certificates and information

- Permanent paper (DIN/ISO 9706)
- Toy Safety: Migration of elements (DIN EN 71/3)
- Free from heavy metals according to EU packaging directive (94/62/EC)

## Environmental product certificates and information

- FSC<sup>®</sup>
- Elemental chlorine free (ECF)



## Supplier certificates

- FSC<sup>®</sup>
- Environmental Management System (ISO 14001)
- Quality Management System (ISO 9001)
- Occupational Health and Safety Management System (OHSAS 18001)

## 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.