

SBS board (GZ), woodfree, single layer white, double coated top and rear side, smooth finish, high stiffness

Basis weight	ISO 536	g/m ²	220	260	295	320	345	375	440
Thickness / Caliper	ISO 534	µm	254	305	356	406	457	508	610
CIE Whiteness	ISO 11475	%	122	122	122	122	122	122	122
ISO Brightness	ISO 2470-1	%	91	91	91	91	91	91	91
Bending stiffness (DIN 5° MD)	ISO 5628	mNm	10.3	18.3	25.4	37.4	47.4	61.4	92.4
Bending stiffness (DIN 5° CD)	ISO 5628	mNm	5.3	9.0	13.0	18.0	24.3	32.2	47.5
Bending resistance (L&W 15° MD)	ISO 2493-1	m/N	122	216	298	439	557	722	1087
Bending resistance (L&W 15° CD)	ISO 2493-1	m/N	63	105	153	212	286	378	558
Bending moment (Taber 15° MD)	ISO 2493-2	mNm	5.9	9.8	13.2	19.1	24.0	30.9	46.1
Bending moment (Taber 15° CD)	ISO 2493-2	mNm	3.1	4.9	6.9	9.3	12.4	16.2	23.6
Moisture (absolute)	ISO 287	%	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Roughness (PPS)	ISO 8791-4	µm	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Roughness (PPS) (reverse)	ISO 8791-4	µm	1,0	1,0	1,0	1,0	1,0	1,0	1,0

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

Applications

- Covers for books and brochures, Folders, Tags, Luxury packaging, Laminations for displays and cardboard packaging, Folding boxes, Greeting cards, Invitation cards, Membership cards, Menu cards, Post cards, Promo cards, Signs, Vouchers, Wall calendars, Desktop calendars, Desktop displays, Inserts

Technical product certificates and information

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

Environmental product certificates and information

- PEFC™
- Elemental chlorine free (ECF)



Supplier certificates

- PEFC™
- Quality Management System (ISO 9001)

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/m ² 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.

Can be subject to printing errors and modifications